



HIGH PERFORMANCE
CONSUMABLES FOR
THE PROCESS & THE
INDUSTRIAL MAINTENANCE

DIVISION PROCESS



PENETRATE
& RELEASE



CLEAN



USE



LUBRICATE



ASSEMBLE



PROTECT



ORAPI

CLEAN & PROTECT TOGETHER

DESIGNER
MANUFACTURER
DISTRIBUTOR

ORAPI

THE WILL TO ACT IN THE INTEREST OF FUTURE GENERATIONS

Taking into account safety, hygiene and environmental constraints, ORAPI has developed a complete range guaranteeing technical products with a low environmental impact and maximum protection for the user.

Our factory, which has been ISO 14001 certified since 2004, is required to monitor its environmental impact through performance indicators.

- ✓ Indicator for monitoring energy consumption
- ✓ Indicator for monitoring the volume of water consumed
- ✓ Indicator for monitoring hazardous/ common waste

Our investments in the creation of our new detergent plant, together with the modernisation of the existing plants, now allow us to reduce our water and electricity consumption.

We take care to reduce our waste and material losses at our production sites.

Together with our printing partners, we are involved in selective sorting for the recycling of the glassine of our labels.

Every day we refine our waste sorting and processing to reduce our environmental impact (cardboard counters, recycled plastic film, reused glassware, etc.).

As a member of the PIPA (Parc Industriel de la Plaine de l'Ain - EMAS certified) joint association, we are working to protect certain animal and plant species.

We ensure that we maintain a suitable ratio of green m² to total site area.



ORAPI COMMITS FOR THE PROTECTION HUMANS AND THE ENVIRONMENT



RESPECT FOR THE ENVIRONMENT

Our «Environmentally friendly» products are formulated to have a minimum impact on impact on the environment, based on vegetable raw materials. They are also sometimes biodegradable products.



WASTE REDUCTION

We offer our customers a take-back system for used solvents, oils and detergents. and detergents. A refillable aerosol can - 700087 which allows the use of bulk liquids and greatly limits the waste of aerosol cans.



RESPECT FOR THE USER

CLP FREE

Formulation without hazard pictograms.



COMPLIANCE WITH ENVIRONMENTAL STANDARDS

Non-volatile products.

Products with no direct or indirect harmful impact on living beings and the environment.



In order to comply with current standards, we offer products that are Ecocert/Ecolabel :

Ecocert: the label that best guarantees the ecology of a product, taking into account the choice of components and their impact on the container.

Ecolabel: the label that best guarantees the ecology of a product, taking into account its impact on the environment throughout its life cycle.



FRENCH FABRICATION

ORAPI offers products manufactured in its Saint-Vulbas factory, in France, and delivers directly to the customer in order to limit kilometres as possible.

THE STRENGTH OF AN INDUSTRIALIST

Production and logistics at ORAPI are carried out by men and women who work every day to ensure product quality to ensure product quality and customer satisfaction, with one common requirement: respect for the environment.



1

DEVELOPMENT

2

PRODUCTION



RESEARCH AND DEVELOPMENT

A research laboratory and a regulatory department constantly designing and adapting formulas and labelling to the new regulatory chemical standards.

PRODUCTION PLANT

All our products are manufactured in our plant near Lyon. Our site is ISO 9001 and 14001 certified.



LEGEND

In order to make it easier for you to navigation in the catalogue, we have set up a system of pictograms which will allow you to select the products adapted to your needs.



Rails



OTAN



French Army



Frigoristes



Aeronautics



Aerospace



Automotive



FOR AN ESTIMATE, ADVICE
OR SPECIFIC REQUEST

TEL. : 04 74 40 20 25

FAX : 04 74 40 20 21

CONTACT@ORAPI.COM

3



DISTRIBUTION



4

END USERS

IN FRANCE AND ABROAD

Sales and technical teams, genuine local experts to respond to all your needs.

ON THE INTERNATIONAL STAGE

More than 2 million users worldwide



Naval



Gas of France



Air Liquide
Aeronautics
BAM



Used in
a fountain



Compliant
Food Industries



Compliant
Food Industries



Product
recommended



EDF



NANO

ORAPI

GROUPE ORAPI

Our teams stand by your side to ensure suitable advice, quality service and to offer training in the use of our products.

A NATIONAL INTEGRATED NETWORK PROVIDING :



520
collaborators

1 100
orders/day

30 000
active customers

CONTENTS



PENETRATE & RELEASE

p.8-9



CLEAN

p.10-25

- p.12-16.. Solvents
- p.17..... Strippers
- p.18-20.. Detergents
- p.21-25.. Cleaners



USE

p.26-29

- p.27..... Heated parts washers
- p.28-29.. Ambient parts washers



LUBRICATE

p.30-51

- p.32..... Powders
- p.33..... Varnishes
- p.34-35.. Pastes
- p.36-43.. Greases
- p.44-51.. Oils



ASSEMBLE

p.52-71

- p.54..... Preparation
- p.55..... Thread locking
- p.56-57.. Fixing
- p.57-59.. Sealing
- p.62-63.. Repair
- p.64-65.. Silicones
- p.66..... Sealing
- p.67..... Adhesives
- p.68-71.. Glues



PROTECT

p.72-81

- p.74..... Paint
- p.75..... Tracing
- p.76-77.. Storage
- p.78..... Welding
- p.79..... Safety
- p.80..... Detection
- p.81..... Equipments





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PENETRATE & RELEASE

DISMANTLE
CLEAN
LUBRICATE

PENETRATING OILS

QUICK SELECTION

CERTIFICATIONS

FOOD INDUSTRY

NUCLEAR INDUSTRY



DEGRILUB	Lubricant				
REDUCE 4	Power	•			
REDUCE A296	Non-flammable				
NANOLUBRICANT	Power +		•		
REDUCE AL	Food industry		•		
DEGRYP'BIO	Organic		•		
REDUCE 2N	Nuclear and energy industry				•
WR+	Multi-purpose	•			

PENETRATE & RELEASE

DEGRILUB LUBRICANT

An essential product for mechanical engineering. Frees, protects and lubricates. Excellent wettability enables rapid action on small mechanisms: bolts, screws, etc. Anti-seize lubricant: for locksmiths, the automotive industry, the industrial sector, etc.

801

T° : -30 to +100°C

4801A4	650 ml aerosol TDS
2801J1	5 l jerrycan
2801U2	200 l drum



REDUCE A296 NON-FLAMMABLE

8142

NEW

Loosens, lubricates and penetrates. Non-flammable penetrating oil for all risk industries. Very low surface tension, which makes it ultra penetrating. Has very good lubricity. Compatible with all materials including elastomers.

Odour : none



48142A2	405 ml/300 g aerosol
---------	----------------------



REDUCE AL FOOD INDUSTRIES

799

Low surface tension fluid. Infiltrates, penetrates, cleans, lubricates with a de-seizing effect. Preventive and curative action against rust. For all kind of seized mechanism, small tools, conditioner, fastenings, plumbing, manufacturing and packing of food...


colourless
Odour : none


4799A2	405 ml aerosol TDS
2799J1	5 l jerrycan

REDUCE 2N HALOGEN-FREE

815

Lubricating, de-seizing fluid with high penetrative power. Dissolves the residue formed by mounting pastes. Lubricates and protects. Penetrates, removes rust, dissolves tar and dirt on the dirtiest parts, infiltrates even the narrowest spaces. Very effective against salt water corrosion.


Cl - F - S - Br :
< 200 ppm
PMUC : 04-033


6815A2	405 ml aerosol TDS
6815i1	500 ml spray bottle
6815J1	5l jerrycan

REDUCE 4 SUPER POWERFUL



800

Fast acting. Wetting, penetrating, rust removing, cleaning, water repellent, phosphating, lubricating. For very difficult dismantling operations without damaging the threads. Properties: prevents rust, corrosion and wear.

4800A8	270 ml aerosol TDS
4800A2	405 ml aerosol TDS
4800A5	800 ml aerosol TDS
2800i1	500 ml spray bottle
2800i2	1 l metal container
2800J1	5 l jerrycan
2800U2	200 l drum



NANOLUBRICANT® HIGH TECHNOLOGY

2025

Loosens, lubricates and penetrates. Water repellent, prevents corrosion. Fast acting. Silicone- free. Nanolubricant®: performance enhancing technology. Reduces loosening torque by 5. Increases productivity.



42025A4	650 ml aerosol TDS
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DEGRYP'BIO® BIODEGRADABLE, VOC-FREE



817

For difficult dismantling operations in places where environmental protection is key: forests, rivers, lakes, seas, gardens, etc. Formulated for minimal environmental impact, from plant-based lubricating, degreasing and tar removing raw materials. Fast acting. Wetting, penetrating, water repellent, rust and corrosion inhibitor.


Flash point:
> 150°C


4817A4	650 ml aerosol TDS
2817J1	5 l metal jerrycan
2817U2	200 l drum



WR+

805

5 FUNCTIONS, OVER 1 000 USES

Removes moisture by repelling water on metal and eliminates short circuits. Rapidly penetrates by seeping into cracks, frees parts, ensuring constant operation. Protects, deposits a thin layer of anti-corrosive and lubricating substances. Cleans and gets under the dirt.

4805A8	270 ml aerosol TDS
4805A4	650 ml aerosol TDS
2805i2	1 l metal container
2805J1	5 l metal jerrycan
280501	20 l drum
2805U2	200 l drum


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ORAPI

HOW TO CHOOSE A SOLVENT? OUR ENGINEERS' RECOMMENDATION

The right choice is to find a balance between evaporation rate, flash point(1), effectiveness (Kb value), the environment and price.

To facilitate your choices, given the complex scope of solutions, we provide a summary table below.

DRYING TIME	FLASH POINT	KB VALUE	PRODUCTS	PAGE
IMMEDIATE	None	135	504 SDI NEW	16
		130	518 ORASOLV A05	16
	< 21	120	514 ORASOLV 0	14
		100	507 NDI	14
		80	568 ORASOLV A	16
		75	503 KLEANER	14
			516 NET FREINS	14
		100	0DEG3 DEG 3	15
RAPID	> 23	150	5432 ORASOLV S2	13
		85	581 ORASOLV L2	13
	> 30	90	564V ORASOLV VEG 1 * 	12
		70	512 ORASOLV L	13
		35	564 ORASOLV B30	12
		80	539 ORASOLV E	15
CONTROLLED	> 40	78	538 ORASOLV 89 CLI	15
		72	511 ORASOLV M1	13
		35	567 ORASOLV B40	12
		30	544 ORASOLV T	16
		70	513V ORASOLV VEG 3 AL * 	12
		70	540 ORASOLV P	13
AVERAGE	> 60	35	571 ORASOLV B60	12
		35	517 A62NU	14
		30	513 ORASOLV N	16
		80	550 ORANGE SOLVENT	14
		150	5232 ORASOLV S232	13
		150	543 ORASOLV S1	16
SLOW	> 75	80	5820 COLZEMUL	15
		70	571V ORASOLV VEG 2 * 	12
		80	582 NATUR'SOLV	13
		30	576 ORASOLV R2	16

(1) Required temperature for the solvent to ignite spontaneously in the presence of a flame or spark (not to be confused with the autoignition temperature). Generally speaking, the lower the flash point, the faster the evaporation and the drier the solvent.



CLEAN

DEGREASE
STRIP
DISINFECT

HOW TO CHOOSE THE RIGHT DETERGENT AND ACHIEVE THE BEST RESULTS?

Making the right choice initially involves identifying the type of dirt you wish to remove, our table will help you make the link between your type of dirt and the pH of our product. This is essential for maximising effectiveness.

Our recommendations will subsequently allow you to make the appropriate choice in terms of equipment, dosage, temperature and action time.

IDEAL USE ACCORDING TO ORAPI

CHEMICAL ACTION (pH)

THE RIGHT
ORAPI PRODUCT



TEMPERATURE OF MIXTURE



**ALL OUR PRODUCTS
ARE CONCENTRATES:**

diluting with water at 40°C improves the effectiveness of our products and prevents problems due to overdosing.



MECHANICAL ACTION



THE RIGHT EQUIPMENT
parts washer, scrubberdrier,
pressure washer, manual



ACTION TIME

THE RIGHT ACTION TIME

Allow to work before rinsing or leave the parts to soak in our parts washers designed for this purpose.

STANDARD SOLVENTS

ORASOLV B30

564

RAPID EVAPORATION

Appropriate solvent for metallic surfaces, mechanical and electrical parts as part of interoperation cleaning and routine degreasing. Deeply penetrates and completely dissolves greasy deposits and sludge. Leaves a perfectly dry surface. Can be used in finishing works.

colourless

Flash point:
>30°C

Dielectric
strength:
>40 kV

2564i2	1 l container
2564J1	5 l jerrycan
2564O1	20 l drum
2564U2	200 l drum



ORASOLV B60


571

SAFE ANTI-CORROSION TREATMENT

Degreasing of almost every greasy metal surface. Evaporates slowly, leaving a light, corrosion inhibiting film. Recommended for soaking to remove stubborn deposits.


colourless

Flash point :
>60°C

Dielectric
strength:
>40 kV

Compatible with
ultrasonic cleaning
baths

2571i2	1 l container
2571O1	20 l drum
2571O2	25 l metal drum
2571O5	60 l drum
2571U2	200 l drum
2571N1	1,000 l container



ORASOLV B40

567

UNIVERSAL

Cleaning solvent which evaporates rapidly when blown dry. « For the thorough degreasing of all mechanical parts soiled by grease and oil residues, even when oxidised and burnt.


colourless

Flash point:
>40°C

Dielectric
strength:
>40 kV

2567i2	1 l container
2567J1	5 l jerrycan
2567O5	60 l drum
2567U2	200 l drum



GREEN SOLVENTS

ORASOLV VEG 1


NEW 564V

SOLVENT 100% VEGETAL FAST EVAPORATION

Solvent formulated from very high-quality vegetable raw materials for efficient degreasing. This solvent has the advantage of evaporating relatively quickly compared to common products on the market.

colourless

Flash point:
32°C
IKB : **90**

2564VJ1	5 l metal jerrycan
2564VO1	20 l metal drum
2564VU2	200 l drum



ORASOLV VEG 2


NEW 571V

SOLVENT 100% VEGETAL SECURED SOLVENT

Solvent formulated from very high-quality vegetable raw materials for efficient degreasing. Specially adapted for the rapid and complete degreasing of all mechanical parts and metal surfaces: cleaning of engine blocks, joint faces, chains, gears, etc. Cleaning of oils, greases, bitumens, adhesive residues,...

colourless

Flash point:
173°C
IKB : **70**

2571VJ1	5 l metal jerrycan
2571VO1	20 l metal drum
2571VU2	200 l drum



ORASOLV VEG 3 AL


NEW 513V

SOLVENT 100% VEGETAL SECURED SOLVENT FOR FOOD INDUSTRIES

Solvent formulated from very high-quality vegetable raw materials for efficient degreasing. Specially adapted for the rapid and complete degreasing of all mechanical parts and metal surfaces: cleaning of engine blocks, joint faces, chains, gears, etc. Cleaning of oils, greases, bitumens, adhesive residues,....

NSF
colourless

Flash point:
66°C
IKB : **70**


2513VJ1	5 l metal jerrycan
2513VO1	20 l metal drum
2513VU2	200 l drum



HIGH-TECH SOLVENTS

ORASOLV L

512

RAPID EVAPORATION

New generation solvent appropriate for all mechanical and electrical parts (power down). Rapidly cleans and leaves a perfectly dry surface. Ideal for applications where mechanical parts are very greasy.



colourless
Flash point :
> 30°C
Dielectric strength:
> 40 kV
IKB : >70

2512i2	1 l container
2512J1	5 l jerrycan
251205	60 l metal drum
2512U2	200 l drum



ORASOLV P

540

VERY STRONG SOLVENT POWER

Formulated for the rapid and thorough degreasing of all very dirty surfaces. A3 type safety solvent. Can all provide protection between machining operations. Ideal for applications where mechanical parts are very greasy.



■ light green

Flash point :
> 61°C

Dielectric strength:
> 40 kV

IKB : >70

Compatible with ultrasonic cleaning baths

2540i2	1 l container
2540J1	5 l metal jerrycan
254001	20 l metal drum
2540U2	200 l drum

ORASOLV L2

581

RAPID EVAPORATION - HIGHLY ACTIVE

Solvent containing a comprehensive formula based on carefully selected raw materials. Powerful, multipurpose solvent with a very quick action and very effective on all greasy deposits and oils. Leaves a dry and clean surface after a few minutes.



colourless
Flash point :
30°C
IKB : > 85

2581U2	200 l drum
--------	------------

ORASOLV M1

511

MULTI-PURPOSE WORKSHOP SOLVENT

Specifically formulated for degreasing all mechanical parts and metal surfaces in workshops. Penetrates deeply and dissolves greasy deposits and sludge on mechanical parts..



■ green

Flash point :
> 40°C

Dielectric strength:
> 40 kV

IKB : > 72

2511i2	1 l container
2511J1	5 l jerrycan
251101	20 l metal drum
251105	60 l metal drum
2511U2	200 l drum



NATUR'SOLV

PLANT-BASED SOLVENT

High-tech new generation solvent, synthesised from plant-based raw materials. Excellent degreaser and tar remover. Penetrates deeply and dissolves greasy deposits and dirty oils. Protects against corrosion, VOC-free.



582



colourless
Flash point :
> 150°C
Dielectric strength:
> 40 kV
IKB : 80

2582J1	5 l jerrycan
2582U2	200 l drum

ORASOLV S1

543

INKS AND RESINS

High-tech solvent. Soluble in water, allows easy rinsing of surfaces. Used neat for the cleaning and degreasing of numerous chemicals: printing inks, resins and glues. Very efficient solvent.



■ green

Flash point :
75°C

Dielectric strength:
> 40 kV

IKB : > 150

2543i2	1 l container + sprayer
2543J1	5 l jerrycan
254301	20 l drum
254305	60 l drum
2543U2	200 l drum
2543N1	1,000 l container



ORASOLV S2

5432

RAPID INK EVAPORATION

High-tech solvent. Soluble in water, allows easy rinsing of surfaces. Used neat for the cleaning and degreasing of numerous chemicals: printing ink, resin, glue. Very efficient solvent.

colourless
Flash point :
30°C
IKB : > 150

2543201	20 l drum
25432U2	200 l drum



ORASOLV S232

5232

INKS AND VARNISHES

Cleaning, dissolving, stripping of glues, paints, printing inks, varnishes, polymers and resins. Industry: cleaning of glues and varnishes. Printing industry: cleaning of inks, particularly those most resistant to cleaning. Cleaning of moulds in the plastic processing sector.

Flash point :
> 75°C



25232J1	5 kg jerrycan
25232U2	200 kg drum



SPECIAL SOLVENTS

KLEANER

503

DRY SOLVENT FOR PLASTICS

Dry cleaner and grease remover, quick drying. Cleaning of all devices and small mechanisms, contacts and printed circuits. Ideal to clean any difficult to reach and fragile surfaces. Highly concentrated grease dissolving ability. Does not contain chlorinated solvents. Does not damage fragile materials, labelling inks or plastics.



colourless
Scent : apple
Flash point :
<21°C



4503A4 650 ml aerosol

NDI

DRY SOLVENT

Indispensable for pre-mounting cleaning and prepainting preparation. Very rapid evaporation. Cleans metal and plastic surfaces (once a compatibility test has been carried out). Does not contain chlorinated solvent. Leaves a dry and clean surface.


507

colourless
Flash point:
<21°C



4507A4 650 ml aerosol
4507A5 800 ml aerosol
2507J1 5 l jerrycan
2507U2 200 l drum

ORASOLV O

514

DRY - ULTRA-RAPID EVAPORATION

For surface preparation before painting or gluing. Dissolves resins, glues, inks and paints. Immediate evaporation. Leaves a completely clean and dry surface, without deposits. Cleaning of oxygen pipes and valves. Does not contain chlorinated solvent..

colourless
Flash point:
<0°C

2514i2 1 l container
2514J1 5 l jerrycan
2514O1 20 l drum
2514U2 200 l drum

ORANGE SOLVENT

DEGREASING TAR REMOVER

Cleans and dissolves grease. Tar and combustion residue remover and descaler. Protects mechanical parts by leaving a light, greasy film. Non-irritant. Excellent to remove labels. All uses..


550

orange
Scent : fruity
Flash point:
62°C
IKB : 80



4550A4 650 ml aerosol
2550i2 1 l container
2550J1 5 l metal jerrycan
2550O1 20 l drum
2550U2 200 l drum
2550N1 1,000 l container

SOLVORANGE

PLANT-BASED DEGREASER RAPID EVAPORATION

Degreasing solvent specifically designed for cleaning operation and surface preparation, when there are severe pollutions. Effective to remove inks. Excellent oils and greases solvent.

C629

colourless
Scent : citrus
Flash point:
<21°C

4C629A5 800 ml aerosol
C629/0210 210 l drum

DILUANT VIMOS EMOS

DILUENT FOR DRY LUBRICANT WITH MOS2

Diluent specially formulated for our lubricating varnishes VIMOS 70 and EMOS 60. The diluent is used to thin varnishes that need to be more fluid before they are sprayed. It is also recommended to dilute and clean adhesives..

NEW
719

colourless
Aspect : liquid
Flash point:
<0°C

3719i2 1 l container
2719J1 5 l metal jerrycan

A 62 NU

HALOGEN-FREE

Solvent for the degreasing of very dirty mechanical parts and decontamination of radioactive particles. PMUC approved for nuclear and thermal power plants, hydroelectric facilities and subcontractors. Certified for the degreasing of low voltage (BT) and medium voltage (HTA) cables.



colourless
Flash point:
> 62°C
Cl - F - S - Br :
< 200 ppm
PMUC : 01-024

6517i4 1 l spray bottle
6517J1 5 l metal jerrycan
6517O1 20 l metal drum
6517U2 200 l drum

NET FREINS

BRAKE CLEANER

Dry cleaner, grease remover for brakes. Evaporates very quickly, does not attack plastics. Powerful spray. Removes oil, brake pad residue etc. Suitable for brakes on cars, lorries, trailers, machine tools etc. Surface preparation before gluing or painting.



colourless
Flash point:
<0°C



4516A4 650 ml aerosol
2516J1 5 l metal jerrycan

SPECIAL SOLVENTS

DECOLETIK

LABEL PULLER

High tech, fast evaporating solvent for fast and efficient label removal. Specially adapted for the detachment of labels. Removal of paper and plastic labels. Can be used on all media: glass, plastic, conveyor belt, metals, wood,

5164

NEW

NSF

colorless
Scent : low
Aspect :
clear liquid



45164A4 650 ml aerosol

NETFLUX

SOLVENT DRY

High-tech, fast-evaporating solvent for electrical and electronic applications. Specially adapted for the rapid and complete degreasing of flows on printed circuits and electronic components.

5163

NEW

colorless
Scent : low
Aspect :
clear liquid



45163A4 650 ml aerosol

EMULSIFIABLE PRODUCTS

ORASOLV 89 CLI 100

5382

ODOURLESS EMULSIFIABLE PRODUCT WITH HIGH FLASH POINT

High-tech emulsifiable solvent, VOC-free, synthesized from refined hydrocarbon products. Specific version, odourless and halogen-free, to work in nuclear environments.



■ blue
Flash point :
100°C
IKB : > 50
Cl - F - S - Br :
< 200 ppm

25382U2 200 l drum

ORASOLV E

EMULSIFIABLE PRODUCT

Extra-powerful solvent. Powerful tar remover, cleaning of burnt residues. Degreases heavily encrusted mechanical parts, cement, concrete floors etc. Cleans brushes impregnated with solvent based paints..

539



■ blue
Flash point :
> 40°C
IKB : > 78



2539i2 1 l container
2539J1 5 l jerrycan
253905 60 l metal drum
2539U2 200 l drum

ORASOLV 89 CLI

538

ODOURLESS EMULSIFIABLE PRODUCT

Powerful tar removing solvent formulated using odourless raw materials. Cleaning of heavily encrusted mechanical parts, combustion residue and traces of tar. Recommended for applications in the nuclear industry and for subcontracting as it is halogen-free.

■ blue
Flash point :
> 40°C
IKB : > 50
Cl - F - S - Br :
< 200 ppm

2538J1 5 l metal jerrycan
253801 20 l drum
2538U2 200 l drum

COLZEMUL

PLANT-BASED EMULSIFIABLE PRODUCT

Powerful tar removing solvent formulated using plant-based raw materials. Cleaning of heavily encrusted mechanical parts, combustion residue, fuel oil and traces of tar. Also used as a non-stick and mould release agent: concrete, tar, fuel oil. VOC-free



5820



■ Light yellow
Flash point :
175 °C
IKB : > 80



C330/0005 5 l jerrycan
25820U2 210 l drum
25820N1 1 000 l container



DEG 3

POWERFUL EMULSIFIER

Highly effective product for cleaning and removing for the cleaning and removal of tar, asphalt, combustion residues, even carbonised, as well as very stubborn oils and greases. Public works companies, refineries, maintenance of industrial boilers...

ODEG3

colourless
Scent : high
Flash point :
23°C
IKB : > 100

TN0DEG300441 5 l jerrycan
TN0DEG300447 20 l drum
TN0DEG300450 200 l drum
TN0DEG300483 1 000 l container



FOOD GRADE SOLVENTS

ORASOLV A

568

VERY QUICK DRYING

Dry solvent. Penetrates deeply and completely dissolves greasy residues and glues. Does not cause metal oxidation once dry. Soluble in water. Can be used for the cleaning of glue residues, adhesives, labels, blood or sugar in a food processing environment.



colourless
Flash point :
< 21°C



4568A4	650 ml aerosol TDS
2568J1	5 l jerrycan
2568U2	200 l drum

ORASOLV T

544

RAPID EVAPORATION

For the cleaning of mechanical parts and stainless steel equipment. Excellent compatibility with gaskets, rubber and all plastics. Cleaning of food and pharmaceutical facilities.



colourless
Flash point:
> 40°C
Dielectric strength:
> 40 kV

2544i2	1 l container
2544J1	5 l jerrycan
2544O2	30 l metal drum
2544O5	60 l metal drum
2544U2	200 l drum

ORASOLV N

513

MULTI-PURPOSE, ODOURLESS

Degreases mechanical parts.
Cleans electrical and electronic components.
Evaporates rapidly when blown dry.
A3 type safety solvent.



colourless
odourless
Flash point:
> 60°C
Dielectric strength:
> 40 kV
Can be used in
ultrasonic cleaning
baths

2513i2	1 l container
2513O1	20 l drum
2513U2	200 l drum

ORASOLV R2

576

VOC FREE

Penetrates deeply and completely dissolves greasy deposits. Leaves a light, greasy film which protects metals. Ideal solvent for safe cleaning, protects operators and the environment.



colourless
Transparent liquid
Flash point:
> 100°C
Dielectric strength:
> 40 kV

2576i2	1 l container
2576U2	200 l drum

NON-FLAMMABLE SOLVENTS

SDI NEW

504

INDUSTRIAL SUPER DEGREASER

Extremely powerful degreaser: burnt grease, synthetic fluids, fuel, tar, rubber, varnish and deposits produced by hydrocarbons. Dries immediately. Prepares surfaces prior to gluing or painting.

colourless
Mild orange
scent.
IKB : >135
Non-flammable



4504A5	800 ml aerosol
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ORASOLV A05

518

CLEANER/STRIPPER

For surface preparation. Perfectly dissolves grease, tar and oil deposits, resins, glues inks and paints. Rapid and total evaporation. Leaves a dry, clean surface, without any residue.

colourless
Dielectric strength:
> 60 kV
IKB : >135
Non-flammable

2518J5	6 kg metal jerrycan
2518O3	32 kg metal drum
2518U4	261 kg drum

A 90H

508

CLEANER FOR ELECTRONIC APPLICATIONS

Extremely safe live contact cleaner. Rapid and total evaporation. Cleans electrical cabinets, coils, printed circuit boards, precision electronic equipment (relays, connectors, etc.). Defluxing solvent. Does not stain. Does not lead to the oxidation of parts once it has dried. Has no effect on plastic.

colourless
Dielectric
strength :
> 50 kV
Non-flammable



4508A4	650 ml aerosol
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STRIPPERS

DÉCAPANT

585

GEL

Stripping of graffiti from walls, carriages, road signs, glass, wood etc. Efficient on paints and felt-tip stains. Stripping of all types of paint from all vertical surfaces.

gel

4585A4	650 ml aerosol
2585J1	5 l jerrycan

DÉCAPANT PRO

6642

DÉCAPANT TOUTES SURFACES

Very powerful industrial stripper specifically formulated for paint stripping in industrial and professional environments. Paint stripping from metal, wood and floors. Effective on recent and old oil-based, acrylic, epoxy, polyurethane, single- or two-pack paints. Does not contain CMR compounds.

colourless

Consumption :
6-8 m²/l

26642i2	1 l container
26642J1	5 l metal jerrycan
2664201	20 l metal drum
26642U2	200 l drum

VAND'X

9117

ANTI GRAFFITI

Solvent for removing graffiti (chalk, paint, wax, ink, spray can, marker, etc.) from painted or fragile surfaces. Ideal for removing graffiti from buses, underground trains and railway carriages as well as road signs without affecting their reflective properties..

fluid liquid

Scent :
distinctive
Flash point :
> 55°C

0H9117i4	1 l spray bottle
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ALCAPOUDRE

1140

POWDER STRIPPER

Powerful stripper for the removal of most paints by soaking. Soaking time depends on the chemical nature and thickness of the paint, soaking bath temperature and age of the coating. Active compound concentration (100%). It is totally soluble in water. Does not contain carcinogen, mutagenic or reprotoxic compounds. Powerful detergent.

white powder

Dosage :
50 to 80 g / l

21140S5	25 kg drum
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NETTOYANTS DÉSINFECTANTS

ACTI'SEPTYL

589

DECONTAMINATING CLEANING AGENT

Multi-purpose 6-in-1 product: Kills viruses, bacteria, algae and fungi, decontaminates and cleans. For cleaning, disinfecting* and decontaminating areas where foodstuffs are handled (fishmongers, canning plants, sugar refineries, beverage companies, etc.) or animals are present, hospitals, local authority facilities, campsites and swimming pools.

colourless
pH : **12,9**
Dosage : **0,01 to 4 %**

2589J1	5 l jerrycan
258901	20 l drum
2589U2	200 l drum

ACTI'SEPTYL PAE

5892

VIRUCID DISINFECTANT CLEANER
READY TO USE

Disinfectant cleaner for protected or unprotected floors, surfaces, materials, furniture and equipment. Recommended for the disinfection of refrigerated trucks, tanks, interiors of storage warehouses... Complies with the legislation on the cleaning of equipment that can come into contact with foodstuffs..

colourless
pH : **10,3**
Dosage : **Ready to use**

25892i3	750 ml spray
25892J1	5 l jerrycan
2589201	20 l drum
25892U2	200 l drum
25892N1	1000 l container

ERGASPRAY PRO



NEW 5893

VIRUCIDAL DISINFECTANT TP 02/04
READY TO USE

Disinfectant based on ethyl alcohol; compatible with all surfaces. Ready-to-use disinfectant. Effective on CORONAVIRUS for all decontamination operations..

colourless
pH : **6**
Dosage : **Ready to use**

25893i3	750 ml spray
25893J1	5 l jerrycan



OURAGAN

5152

ALL IN ONE

Ready-to-use, multi-purpose disinfecting and deodorising detergent. Cleans and degreases all surfaces. For use in offices, workshops, changing rooms, kitchens, etc. Compliant with the EN 1040 and EN 1276 standards - bactericidal after 5 minutes - and the EN 1275 and EN 1650 standards - fungicidal in 15 minutes.

NSF
yellow green
Clear liquid
Scent : **menthol eucalyptus**
pH : **13,4**

25152i1	500 ml spray bottle
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PENETRATE & RELEASE



CLEAN

USE

LUBRICATE

ASSEMBLE

PROTECT

ALKALINE DETERGENTS

ORANET B1

SUPER CONCENTRATED DETERGENT

Very powerful liquid detergent. Cleaning of car and lorry bodies, tarpaulins, painted surfaces; cleaning of heavily encrusted floors, machine frames etc. Can be used with a brush, in an automatic washing system, scrubber-drier or pressure washer.



515



Light blue

Dosage :
0,5 to 20 %
pH to 5 % : 12,5

2515i1	500 ml spray bottle
2515J1	5 kg jerrycan
251501	20 kg drum
251505	60 kg drum
2515U2	200 kg drum
2515N1	1000 kg container



ORANET B10

PROFESSIONAL MULTI-PURPOSE DETERGENTE

Super concentrated BIODEGRADABLE cleaning detergent for cleaning greasy stains on car bodies, floors and machinery. Specially formulated to have a very low impact on the nature.



5153

NEW

Amber
pH in solution
diluted to 10%:
12.65

25153J1	5 kg Jerrican
2515301	20 kg drum
25153U3	220 kg drum



ORANET C

531

FLOOR AND WALL DETERGENT

Powerful liquid detergent. Specifically designed for cleaning encrusted floors (concrete, tiled, painted etc.) in the automotive industry, dirty production units, changing rooms, showers etc. Can be used with a brush, scrubber-drier or pressure washer.

fluorescent
pink
Dosage :
1 to 20 %
pH to 5 % : < 11

2531i2	1 l container
2531J1	5 kg jerrycan
253101	20 kg drum
2531U2	200 kg drum

ORANET S+

533

NON FOAMING

Very powerful multi-purpose cleaner for scrubber-driers and high-speed or ultrasonic cleaning equipment. Does not foam, even under heavy agitation. Biodegradable. Used for difficult factory cleaning operations: floors, tiles, changing rooms etc.



yellow-orange
Dosage :
2 to 15 %
8 % MAL
pH : 10,5

2533i2	1 l container
253301	20 l drum
2533U2	200 l drum

ORANET B15

546

READY-TO-USE DETERGENT.

Derived from the powerful ORANET B1 formula, ORANET B15 is a ready-to-use version with an accurate, optimised and standard dosage. It is recommended for workshops where operators are not authorised or equipped with the right tools to dilute the detergent. Cleaning of floors, machines and vehicles.

Yellow
pH : 12,5

2546U2	200 kg drum
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ORANET A

530

FOOD INDUSTRIES

Cleaning of tanks, truck tarpaulins, floors, machine frames, production and packaging of wine, beer, vegetables, meat, biscuits, dairy products etc. Can be used with a brush, in an automatic washing system, scrubber-drier or pressure washer.



colourless
odourless
Dosage :
0,5 to 20 %

2530i2	1 kg container
2530J1	5 kg jerrycan
253001	20 kg drum
253005	60 kg drum
2530U2	200 kg drum



MECAMATIC

9062

SUPER ALKALINE LIQUID DETERGENT

Cleaning and renovation of very greasy and dirty surfaces. Floor cleaning in petrol stations, garages, stills, distillers in the food processing industry. Reserved for professional use. Used neat or diluted. Recommended for use in washing machines.



colourless
liquid
pH to 10% : 13-14

29062J1	5 l jerrycan
2906201	20 l drum
2906205	60 l drum



ALKALINE DETERGENTS

ORANET M

532

METAL PARTS

Powerful detergent for use on unpainted metal. Cleaning of vehicle bodies, housings, machine frames, mechanical parts. Can be used with a brush, in a bath or with a pressure washer. Perfectly cleans water-based paints and inks.



■ yellow
Dosage :
0,5 to 20 %
pH : < 9,8

2532i2	1 l container
2532J1	5 kg jerrycan
253201	20 kg drum
253205	60 kg drum
2532U2	200 kg metal drum



ORANET F

536

DEGREASING CLEANER FOR BIOLOGICAL PARTS WASHER

Aqueous degreaser for all metal mechanical parts to be degreased with parts washer. To use with ORAZYM microorganisms 5327.



colourless
Dosage : pure
pH : < 9,8



253601	20 l drum
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QUICK SOL HP

9083

EXTREMELY POWERFUL DETERGENT

Very powerful liquid detergent and nicely perfumed. The complex formula combines a powerful detergent with a solvent to produce an extremely effective product. Dissolves and removes all traces of greasy deposits with amazing efficiency



■ fluorescent orange
Scent : pine
pH to 10% : 12-13
Dosage : 3 to 30 %

29083i2	1 l container
29083J1	5 l jerrycan
2908301	20 l drum
2908305	60 l drum
29083U2	200 l drum



ORANET M25

READY-TO-USE DETERGENT



Ready to use biodegradable water-based degreaser for all metal mechanical parts where avoiding the risk of corrosion is important. Solvent-free. VOC free. Dissolves grease, oil, carbon residue, sludge, scale etc. Enhanced anti-corrosive power. It is ready to use. ORANET M25 is the ideal substitute for solvent-based degreasers.

5325



■ yellow
pH : < 9,5



2532501	20 kg drum
25325U2	200 kg drum

ORAZYM

5327

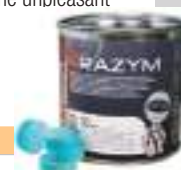
CONCENTRATE OF MICROORGANISMS

Helps continuously break down the oil and grease in biological parts washers. Non-pathogenic microorganisms. ORAZYM contains microorganisms which constantly regenerate the bath via the BIOREMEDIATION process. Destroys and eliminates fatty residues in water-based parts washer basins. VOC-free. Dissolves grease, oil, sludge etc. Reduces the unpleasant odours of parts washers.

■ blue tablets
T° : 5 to 45°C



25327B7	tubs of 10 tablets
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CITRON GP2

9032

CLEANS AND PERFUMES

Cleaning detergent with citrus extracts for cleaning greasy stains on car bodies, floors, and machines, particularly in areas with unpleasant odours. Completely eliminates greasy and oily stains without leaving marks. Leaves a pleasant citrus scent. Cleans and eliminates odours from very dirty surfaces (greases, oils, diesel, rubbish, etc.) Economical, since the product is very effective and can be diluted in

NEW

■ fluorescent orange
Scent : fresh citrus
pH : 12-13
Dosage : 5 to 30 %

2903201	20 kg drum
29032U2	200 kg drum

SERVICE + ORAPI

TAKE BACK USED SOLVENTS AND DETERGENTS

Orapi offers you the ORASOLV take-back contract.

Orapi takes care of everything:

- 1 The supply of an ORASOLV solvent made from new, high-quality components adapted to your specific needs.
- 2 The return, transport and destruction of the used product by an approved centre.
- 3 Delivery of a certificate of destruction.

EVERYTHING IS INCLUDED IN THE ORASOLV TAKEOVER CONTRACT!

ACID DETERGENTS

DELICAL

C027

FOOD EQUIPMENT DESCALER

Liquid descaler for water circuit and various materials, for food and agro-food industries (drinks dispenser, dishwasher...). Formula without hydrochloric acid, with a colour indicator to validate the operation efficiency.



NSF

■ yellow
pH : 1



C027/0001	1 l can
C027/0005	5 l can
C027/0030	30 l drum

ORARENOV

535

ALUMINIUM STAINLESS STEEL RESTORER/STRIPPER

Removes greasy deposits and surface oxidation from metallic parts. Ideal for aluminium and stainless steel cleaning and maintenance. Excellent stripping compound. Ready to use. Can be used diluted.



NSF

colourless
pH : <1



2535i2	1 kg container
2535J1	5 kg jerrycan
2535U2	200 kg drum

ORATARTRE

962

POWERFUL DESCALER

Non-flammable scale remover for all industrial devices, pipes, boilers, heat exchangers, heating coils, heater tanks. Does not cause metal oxidation, dissolves limescale deposits. Dissolves also cement stains, cleans tile joints, concrete mixer. Ready to use. Can be used diluted in water.

■ yellow
pH : <1



2962i2	1 kg container
2962J1	5 kg jerrycan
2962O1	20 kg drum
2962U2	200 kg drum
2962N1	1 000 kg container

RUST AND CONCRETE REMOVER

744

EXTRA-STRENGTH DESCALER

Concentrated descaler for all industrial devices, pipes, boilers, heat exchangers, heating coils, tanks, radiators. Dissolves even the thickest limescale deposits. Dissolves cement stains, cleans tile joints, concrete mixer, masonry tools. Excellent stripping compound for all metals subject to surface oxidation. Ready to use. Can be used diluted.

pH : <1

2744J1	5 kg jerrycan
2744O1	20 kg drum
2744U2	200 kg drum

NEUTRAL DETERGENTS

ORANET N

537

PH NEUTRAL DETERGENT

Multi-purpose, VOC-free mild liquid detergent. Cleaning of lorry and car bodies, tarpaulins, painted surfaces, floors, machine frames, regular maintenance of aluminium parts, etc. Can be used with a brush, in an automatic washing system, scrubber-drier or pressure washer.

■ translucent blue

Scent : fresh marine

pH (pure product): 7,5

Dosage : 5 to 40 %

2537J1	5 l jerrycan
2537O1	20 l jerrycan
2537U2	200 l drum

NEUTRALISING POWDER

15156

ACID POWDER

Acid powder designed to neutralise alkaline pH cleaning baths prior to disposal or treatment. Non-corrosive powder. Easy to use. Rapidly and effectively neutralises baths with a pH ranging from 8 to 14. Recommended dose: approximately 5 kg for 400 litres (see TDS).



■ white powder

Completely water soluble

215156S1	5 kg tub
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PHOSPHATING

ORAPHOS 50

963

PHOSPHATE TREATMENT DEGREASER

Phosphate treatment and degreasing cleaner for all metal parts. The phosphate treatment protects against rust, is long-lasting and can be painted over. Metallurgical, boiler-making and automotive industries, amongst others.

■ yellow
pH : <1
Dosage : 10 %

2963i2	1 kg container
2963J1	5 kg jerrycan
2963O5	60 kg drum
2963U2	200 kg drum

ORAPHOS 60

964

PHOSPHATE TREATMENT RUST REMOVER

Phosphate treatment and rust removing cleaner. The phosphate treatment protects against rust, is long-lasting and can be painted over. Avoids the need for sand blasting or shot blasting. For renovating tanks, girders and a range of frames in the metallurgical, boiler making and automotive industries, amongst others. Can be used hot..

colourless
pH : <2,5
Dosage : 20 to 50 %

2964i2	1 kg container
2964O1	20 kg drum
2964U2	200 kg drum

SPECIAL CLEANERS

BRILLINOX

586

STAINLESS STEEL POLISHER AND RESTORER

Removes greasy films and stains while giving a lasting shine to cleaned surfaces: stainless steel, chrome etc. Polishing and protective properties. Dairies, breweries, machine frames, stainless steel structures, etc. Apply a small amount of product onto a cloth and start polishing. Polishing and protective properties.



colourless

4586A4	650 ml aerosol
2586J1	5 l jerrycan
2586U2	200 l drum



CODE 79

579

DRAIN UNBLOCKER

Destroys and eliminates all blockages consisting of fibres, fatty substances, hair, cotton wool, human and animal hairs, organic compounds, sponges, cigarette butts, etc. Used to unblock wastes from sinks, washbasins, toilets, etc. and suitable for plumbing, sanitation and maintenance purposes. The very high density of this product provides an additional mechanical action on the blockage. No effect on septic tanks. For professional use. Do not use on white PVC.

■ dark
Density : 1,82

400021	1 l container
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NOVAL

NEW

ALUMINUM RENOVATOR, STRIPPING OF WELDING CORDS

Removes stains and restores the aluminum's original luster. Particularly suitable for cleaning weld seams and removing raw oxidation... NOVAL acts alone without rubbing. It degreases and rinses in a single operation.

C067

colourless
Density : 1,14

C067/0005	5 l jerrycan
C067/0060	60 l drum
C067/0210	220 l drum

DIESEL BOOSTER

2249

NEW

DIESEL ANTI POLLUTION TREATMENT

Allows cleaning and lubricating diesel injection systems. Eliminates water and sludge through regular employment. Facilitates cold starts and temperature rise of the engine.

■ orange
Aspect : liquid
Density : 0,8

165-NE2249300L4	300 ml dose
NE2249020CLT	20 l drum
NE2249200/CLT	215 l drum
165-NE2249005L4	5 l jerrycan

POLYSTAR

NEW

WATERLESS WASH AND WAX

Product allows you to wash the exterior of your vehicle without water, while waxing during the same application. Simple, fast, unique and easy action letting you enjoy a clean, shiny vehicle, protected against discolouration caused by UV rays. It removes tar spots, mosquitos, petrol and diesel drips, bird droppings, tree sap, pollution fallout, road film...

593

■ white cream
pH : 9
Density : 0.95

4593A5	800 ml aerosol
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PENETRATE & RELEASE



CLEAN

USE

LUBRICATE

ASSEMBLE

PROTECT

SPECIAL CLEANERS

NET MOUSS

5002

CLEANING FOAM

Cleaning foam for every supports. Computers, TV, laminated piece of furniture, luminous signs, plastic or metallic bumpers, photocopiers... Designed for heavily soiled surfaces, metallic or PVC construction.



white foam

45002A4 650 ml aerosol

NET'ECRAN

502

CLEANING FOAM FOR GLASS SURFACES

Antistatic cleaner for all glass surfaces, screens, office equipment, computer screens, photocopier glass, projectors, TV sets, etc. Quickly wipes away after spraying. Wait until surface is dry to plug in again. Screens will become perfectly clean. Compatible with new generation screens.



white foam

4502A4 650 ml aerosol
2502J1 5 l jerrycan

SANITOR

9092

CLEANING CREAM

Slightly abrasive lotion for the cleaning of plastic, metal, composite surfaces, industrial glass, leisure, DIY and domestic applications. Cleans, deodorises, polishes and shines all types of surface, even the most fragile.


pink cream
pH : 7,5 - 8,5

29092i2 1 l container
2909201 20 l drum

NET'DEX

501

ELECTRICAL CONTACT CLEANER

To be sprayed for cleaning and oxidation removal of electrical contacts. No risk for electrical devices. Excellent cleaner and degreaser for all electrical mechanisms (Power down). Let it dry after use.


4501A4 650 ml aerosol TDS
2501J1 5 l jerrycan
2501U2 200 l drum

SOUFFLEUR

950

COMPRESSED AIR DUST REMOVER

Non-flammable compressed air dust remover. may be used in clockmaking, optics and anywhere that requires the use of dry and clean compressed air for drying or dusting hard to reach places. It is designed for use in the IT industry; for keyboards, photocopiers; for the photographic industry, mechanical engineering industry and more.

Pression : 6 bars



4950A4 650 ml aerosol

SOUFFLEUR 2

9502

COMPRESSED AIR

Dust-removing aerosol with adjustable nozzle for printers, keyboards, optical readers, photos, videos, photocopiers, mechanical parts, etc. Mini compressed air duster that cleans without water. Dries all electro-mechanical equipment. Leaves parts perfectly dry after use.

Pression : 6 bars



49502A4 650 ml aerosol

GIVREUR 2

9512

COLD GENERATOR

Generates intense cold. Multi-positions. De-seizes by thermal shock. Used in the IT industry to cool microprocessors and overheated hardware. Enables the detection of printed circuit board failures. Can also be used with mechanical devices to retract parts and allow shrink-fitting.

T° : -52 °C



49512A4 650 ml aerosol

RENOV'PLASTIQUE

525

SILICONE-FREE

Give your car interior a makeover with RENOV'PLASTIQUE. Revives and rejuvenates the appearance of your dashboard, giving it back its factory-fresh shine, all without polishing. Repels dust and has a pleasant fragrance..

Scent : orange



4525A4 650 ml aerosol

SPECIAL CLEANERS

PROTECTEUR ARMES G.C**C647****PROTECTOR FOR FIREARMS CANNONS**

Hydrophobic product, repels humidity, gives protection against oxidation and corrosion to the surfaces. It can be used for other metallic parts protection. Non-corrosive to steel, cast iron, aluminium, copper, zinc, stainless steel. It is also compatible with plastics such as lyethylene, polypropylene and PVC.

colourless
Clear liquid

C647/0012 650 ml aerosol

AV 33**813****FIREARM CLEANER**

Cleans, prevents corrosion and lubricates the firing pin, bore, breech, muzzle, barrel, trigger, bolt, rifling, striker, etc. Neutralises and eliminates powder combustion residue. For all firearms: shooting sports, armed forces, police, customs, etc. For preventive and curative applications.



■ homogeneous
yellow
Clear liquid
T° : -60 to
+200°C



4813A8 270 ml aerosol TDS
2813J1 5 l jerrycan

AIR CONDITIONING CLEANERS

AQUATRON S220**9011****HEATING AND COOLING EQUIPMENT DESCALER**

Eliminates limescale, rust and sludge from condensers, air cooling towers, pipes etc. in industrial environments. Contains a colour indicator for checking that all the limescale has been removed. Use a 1/10 dilution for corrective maintenance or 1/20 dilution for preventive maintenance.



■ yellow
pH : 1
Dosage : 1/10
to 1/20

29011J1 5 l jerrycan
2901101 20 l drum
2901105 60 l drum

NU-COIL 101**9069****COIL CLEANER**

Powerful coil restorer, rapidly disperses greasy and industrial deposits. Also eliminates traces of rust and limescale. Improves performance by eliminating the layers responsible for energy loss.

colourless
pH : 13

2906901 20 l drim
29069U2 248 kg/200 l drum

**COILTRON****9031****RESTORER FOR AIR CONDITIONING COILS**

Uses natural condensation to remove the dirt (grease, oil, lint, etc.) which is responsible for poor performance. Cleans and helps maintain optimal heating and cooling efficiency without excessive use of energy. Spray directly into coil fins and filters diluted in water at a 1/3 ratio.

■ orange
Scent : mint
pH to 10% : 10
Dosage : 1/3

2903101 20 l drum

NET'CLIM**5496****CLEANS, DISINFECTS AND PERFUMES**

Powerful disinfectant with a bactericidal action and very long-lasting and pleasant minty scent. NET CLIM is suitable for all air conditioning systems, including those found in cars, lorries, buses, offices, waiting rooms, etc. Microbiological activity in accordance with the AFNOR 72, 150 standard - Tested by the Pasteur Institute. Bactericidal activity compliant with E.N. 1040 after 5 mins at 20°C. Supplied with the 57cm extension and omnidirectional diffuser.

colourless
Scent : mint



45496A2 520 ml aerosol



HAND CLEANERS

ORANGE CRÈME +

CITRUS

Orange extract hand soap (solvent-free) with pumice stone for in-depth cleaning. Softens the skin, contains plant-based surfactants, glycerin and talcum powder. Very effective for cleaning grease, oil, asphalt, ink, paint, and rust.


5802

orange

Scent : **citrus**

Complies with the
NFT 73-101
standard

25802J1 5 l jerrycan

25802KE Box 18 x 5 l jerrycan

ORAMOUSS

WATERLESS

Smooth, solvent-free foaming cleaner cleans hands without water and without drying. Ideal for sites that are far from water sources. Cleans hands without irritating them; does not leave hands greasy or dry. Smooth white foam, pleasantly scented, neutral pH, paraben-free and solvent-free. Economical: a small dab of cream is enough to remove the dirt. Ideal for sites that are far from water sources.

5805

■ **white foam**

Scent : **citrus**

pH : **neutral**

45805A1 210/150 ml aerosol

VSS

POWDER

Degreases and removes: ink, sludge, grease, oil, petrol, etc. Biodegradable cleaner made from pine cellulose and essential lavender and glycerin oils. Leaves the hands feeling soft. Suitable for all trades. Bucket size ideal for work site vehicles.

959

■ **brown**

Scent : **lavender**

2959S1 5 l bucket

295902 30 l drum

ACC007 Wall dispenser

700074 Shovel

ULTRA CLEAN

CLEANING WIPES

Wipes impregnated with a refreshing cleaning solution for the effective degreasing of hands and tools that have been heavily soiled by oil, grease, ink, paint, grass, diesel, etc. Cleans and leaves a pleasant scent on the hands. No rinsing required. Ideal for sites with no water.


575

Scent : **tangerine**

5575S10 Tubs of 150 wipes

PRO GREEN

HAND GEL CLEANER

Cleansing GEL based on natural extracts, plant-based surfactant and apricot kernel powder. Hand cleaning in the workshop and on the road. 70% of the ingredients are of natural origin.

Support 5 l : ref. ARERDPSUPV00005


NEW 5803

■ **green**

Scent : **apple**

Aspect : **gel**

pH : **neutral**

25803i1 500 ml bottle

25803P6 5 l jerrycan

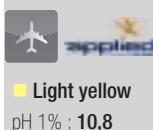
ARERDPSUPV00005 Support 5 l


AERONAUTICAL CLEANERS

EXTERIOR AIRCRAFT CLEANER A4423

CLEANER FOR AIRCRAFTS EXTERNAL SURFACES

Powerful multifunction detergent, designed for cleaning aircraft exteriors using wet washing or foam cleaning methods. Removes oil stains, grease stains and all dirt without a trace.



■ Light yellow
pH 1% : 10,8

A442302	25 l drum
A4423U2	205 l drum

TAKRAG 1070XL

ANTI-DUST WIPES

This wipe has been especially designed for paint shops. These textile cleaning wipes are impregnated with a specific high quality resin which absorbs all dusts.



■ yellow
■ dark
Dimensions :
40 x 60 cm

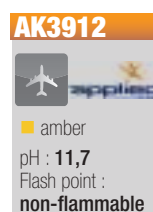
D3062B-30X10	box of 300 wipes (sachet of 10)	■
D3062Y-50X10	box of 500 wipes (sachet of 10)	■



METSOAK AK 3912

IMMERSION DEGREASER

A powerful water-based degreaser formulated from a complex blend of detergents, solvents and non-caustic alkaline compounds. Particularly suitable for the removal of soils, including solids, from sensitive surfaces and is highly versatile: effective both hot and cold, regardless of the method of application. Designed for cleaning and degreasing fragile parts and surfaces, especially in the aeronautical industry.

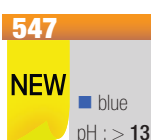


■ amber
pH : 11,7
Flash point :
non-flammable

A391202	25 l drum
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NETTOYANT CARROSSERIE
SHAMPOO FOR MOTORCYCLES, VL, PL

Super-concentrated foaming shampoo for all vehicle bodies. Ideal for cleaning stations. Thoroughly cleans the bodies and plastic coverings of automobiles (VL and PL). Multi-purpose product for all sorts of cleaning: floors, siding, synthetic material surfaces (test sample first), painted surfaces, machines. Cleans floors, exterior coverings, mechanical parts in the workshop.

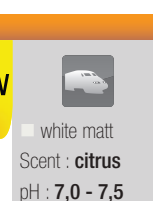


■ blue
pH : > 13

2547J1	5 l jerrycan
254701	20 l drum
2547U3	220 l drum
2547N1	1000 l container

NET MOQUETTE
CARPET BUS CLEANER

is a foam carper cleaner. composed of powerful active agents. It is for carpets and other textiles. Cleans, deodorizes and leaves a pleasant fragrance. Bacteriostatic action. Diluted in hot water of 3 to 5% depending on the surface to be cleaned. And 10% if it is very dirty.



■ white matt
Scent : citrus
pH : 7,0 - 7,5

25494i4	1 l spray bottle
25494J1	5 l jerrycan



NETGLACE ETE

WINDSHIELD WASHER – ANTI MOSQUITO

Alcohol for cleaning glass surfaces in summer, specially formulated anti mosquito and anti insects. Degreases perfectly without a trace.



■ green
Scent : alcohol
Density : 1.00

25492U3	220 l drum
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NETGLACE HIVER

ICE WASHER DEGREASER -20°C CONCENTRATE

Anti-freeze degreasing windscreen washer for winter and mosquito repellent in summer. Specific for car and road windscreen washers. Concentrated product that can be diluted according to the efficiency and the desired frost protection point. Product without chemical attack on windscreen washer jars, rubbers, circuits and windscreen washer spray nozzles. Thanks to its specific surface-active agents, it allows the removal of mosquitoes from windcreens.



■ translucent blue
Scent : alcohol
pH : 8.3

25493J1	5 l jerrycan
25493U3	220 l drum





USE

DEGREASE
CLEAN
WASH



BIOLOGICAL PERFORMANCE

Biological parts washers clean your parts without any solvent by respecting the user's health and the environment.

The biological parts washer works with the principle of natural regeneration which use the microorganisms to simply transform pollutants into food and energy sources.

This process ensures a cost effective degreasing solution..



OPERATOR'S HEALTH

Solvent free.
Optimal hygiene and safety conditions.



SAVINGS

Consumable cost control. Microorganisms constantly regenerate the bath: no frequent bath draining.



ENVIRONMENT

Minimize waste and protect the environment.

PLASTICS

BIOLOGICAL PARTS WASHER OWASHER

The parts washer keeps the bath warm at 38°C, it is equipped with several cleaning options (brush and soaking), with a stainless steel filtration system and oxygenation system.

Microorganisms constantly regenerate the bath: no frequent bath draining and you minimize the waste disposal costs.

	1 700091XXS	2 700091
Part Washer dimension (width x length x height, mm)	822 x 530 x 1050	905 x 650 x 1 110
Cleaning table dimension (width x length x height, mm)	550 x 430 x 150	790 x 420 x 180
Tray useful size (width x length x height, mm)	260 x 240 x 80	790 x 420 x 90
Tank Volume (Litre)	40	60 à 100
Soaking Capacity (Litre)	4	31
Payload (kg)	30	100



ORANET F and ORAZYM

PORTABLE WASHER
10 L

Ref. ORAPFKDF00003
Tank Volume : 10 l
442 L x 357 l x 253 H mm

SPARE PARTS

CSEQF0000187-1 AIR PUMP **CSEQF0000711** PUMP 40 L
CSEQF0000190-2 PUMP 100 L **CSEQF0000011** KIT 5 FUSIBLE
CSEQF0000053 PUSH BUTTON **CSEQF0000100-1** ELECTRO PPAL CARD
 FS00 **CSEQF0000102-3** SCREW-ON BRUSH **CSEQF0000103** CONNECTOR
 RAPIDE TUYAU **CSEQF0000125** SOCK FILTER **CSEQF0000228** BRUSH
 complete **CSEQF0000282** AIR PUMP HOSE **CSEQF0000289** STAINLESS STEEL
 BASKET FILTER **CSEQF0000345** AXLE FOR PUMP **CSEQF0000349** RUBBER
 SINK STOPPER **CSEQF0000384** RESISTANCE (365 mm) **CSEQF0000432**
 TRANSPARENT TANK of the Nylon Filter **CSEQF0000433** NYLON FILTER FRAME
CSEQF0000434 NYLON SLEEVE FILTER **CSEQF0000447** JOINT 32X45 EP 2
 mm nylon filter tank **CSEQF0000523** SEMI-RIGID SPRAY HOSE **CSEQF0000529**
 E NIVEAU FS00 **CSEQF0000517** THERMOSTAT COMPLET



STAINLESS STEEL

DEGREASING PARTS WASHER

Heated washer made of stainless steel for use with ORAPI's ORANET M532. Can be used with or without additional enzymes (biological action). Has a hot bath closing lid, which prevents evaporation loss.



	1	2	3
	700085	700085XL	700085XXL
Part Washer dimension (width x length x height, mm)	845 x 640 x 1020	1280 x 700 x 1020	1600 x 700 x 1020
Worktray (mm)	890	890	890
Bath volume (L)	80 à 100	80 à 100	80 à 100
Max load (kg)	130	130	130
Washing chamber (L)	~50	~50	~50

CSEQF0000289 STAINLESS STEEL BASKET FILTER

CSEQF0000434 NYLON FILTER

CSEQF0000190-2 PUMP 100 L

WASHING MACHINES

WASHING MACHINE

Degreasing parts washer that cleans and degreases parts placed in the basket.

	1	2	3
	700084	700084-740	700084-1140
Washing machine dimension (L x l x H mm)	700 x 900 x 900	1035 x 955 x 1130	1470 x 1355 x 1320
Basket diameter (mm)	600	740	1140
Bath volume (L)	70	90	210
Permissible load* (kg)	100	400	400

*Load uniformly distributed in the basket.



ORANET S+

TRADITIONAL DETERGENT PARTS WASHER

700057
ADAPTER


ORANET M


 Electrical parts washer
 Replacement detergent pump*
 Adapter

700058
**DEGREASING PARTS WASHER
 DESIGNED FOR USE WITH DETERGENTS**

Ideal system combining safety of operation and protection of the environment: no heating, no electricity. Prevents evaporation loss. Speeds up cleaning by using a hollow brush continuously filled with product via a pneumatic pump. Recovers the product when the clean parts are drained

 700058
 700064
 700057

TRADITIONAL SOLVENTS PARTS WASHER

700051
DEGREASING PARTS WASHER

Pump parts washer designed for use with solvents.

Prevents evaporation loss. Speeds up cleaning by using a hollow brush continuously filled with product via a pneumatic pump. Recovers the product when the clean parts are drained.

Designed to be placed directly onto a 200 l drum (Can be used on smaller 60 l drums with the 700057 adapter).



ORASOLV P

 Pump parts washer
 Replacement pumping system*
 Replacement hose
 Brush

 700051
 700055
 7RACCORD
 700056

700050
**DEGREASING PARTS WASHER
 ELECTRICAL PARTS WASHER
 DESIGNED FOR USE WITH SOLVENTS**

Prevents evaporation loss. Speeds up cleaning by using a hollow brush continuously filled with product via an electrical pump. Recovers the product when the clean parts are drained.

Designed to be placed directly onto a 200 l drum (Can be used on smaller 60 l drums with the 700057 adapter).



ORASOLV P

 Electrical parts washer
 Replacement pumping system*

 700050
 700053

*Pumping systems comes with: vacuum hose + strainer, pump, distribution hose + brush

HIGH PRESSURE PART WASHER

700089
HIGH PRESSURE HEATING PART WASHER

A solid, full stainless steel structure. Equipped with a membrane pump, an electric pump, a resistor and a filtration system. Totally enclosed system which doesn't require specific protection for the users. Provides quick degreasing even for the most complex parts.

Part washer :

 Length: 70 cm
 Width: 90 cm
 Height: 162,5 cm
 Pump flow: 20 litres/minutes
 Tank capacity: 90 l
 heating temperature: up to 50°C

Working plan:

 Width: 84 cm
 Length: 64 cm
 40 kg capacity
 Pressure: 24 bars

 ORANET M or
 ORANET S+

 CSEQF0000586 GLOVES
 CSEQF0000729 PUMP
 CSEQF0000732 PLATEBOARD
 CSEQF0000741 GLASS


LUBRICATE

OILS
GREASES
PASTES
VARNISHES
POWDERS



WHY LUBRICATE ?

- 1 To reduce friction
- 2 Reduce overheating
- 3 Reduce wear
- 4 Prevent corrosion
- 5 Improve efficiency
- 6 Extend the life of mechanisms

HOW TO LUBRICATE ?

ORAPI's tribologists are there to advise you.

Friction can be reduced in a number of ways; ORAPI offers 4 types of product to cover all your requirements.

1 - OILS

In-depth lubrication in complex mechanisms (chains) or closed mechanisms (gearboxes) requires the use of oil.

The main benefit is the natural elimination of the heat energy generated by friction which affects the smooth running of the machines. We also offer a range of oils for metal working.

Our engineers can provide you with 2 types of viscoplastic solution, which they recommend for use in mechanisms where oil cannot be contained.

3 - GREASES

More than 80 different types of grease have been developed to respond to all the requirements of our 10,000 customers: speed, heat, humidity, oxidising environments, heavy loads etc.

You can also discover our unique range of greases based on nanotechnologies: NANOLUBRICANTS.

2 - VARNISHES AND POWDERS

"Dry" lubrication is primarily recommended for dust-filled environments and exposure to severe cold down to -200°C.

4 - PASTES

Comprehensive ranges of mounting and anti-seize pastes to keep fretting and tribocorrosion problems to a minimum.

They also help improve thermal and electrical conductivity by using diversified and first-choice mineral fillers in terms of grading and purity: zinc, aluminium, copper, graphite, molybdenum disulphide, ceramic and of course, NANOLUBRICANTS.





ORAPI

CLEAN & PROTECT TOGETHER

FOR AN ESTIMATE, ADVICE
OR SPECIFIC REQUEST

TÉL. : 04 74 40 20 25

FAX : 04 74 40 20 26

CONTACT@ORAPI.COM

FOCUS ON GREASE

ORAPI's tribologists pay particular attention to the selection and use of high-performance additives that they incorporate into our greases.

These can be liquids or solids such as MoS₂, graphite, PTFE and NANOLUBRICANTS and have a significant impact on the performance of the greases by: reducing the friction coefficient, increasing resistance to EP (extreme pressure), minimising material wear, improving adhesion, protecting against the premature oxidation of the grease, protecting metals against corrosion, etc.



GRADES

Penetration at 25°C

MECHANISM TO BE LUBRICATED	CENTRALISED GREASING	GEARS	BEARINGS	SEALING
Type of grease	Fluid grease	Soft grease	Standard grease	Thick grease
NLGI grade no. (tenths of mm)	0-00	1	2	3
	355-430	310-340	265-295	220-250

The grade varies depending on the temperature.

The grade increases for cold work - The grade decreases for hot work (the grease softens).

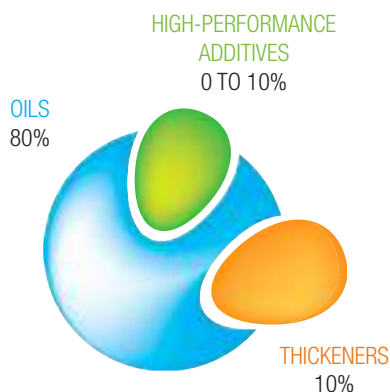
COMPOSITION

Grease consists of
3 components

The combined characteristics of these 3 components give grease its own characteristics.

The ratios are different for a paste:

High-performance additives (solids) can reach 60%



OILS

These can be mineral or synthetic. Synthetic lubricants currently represent only a small percentage of the overall lubrication market, but this proportion is rising.

PERFORMANCES

Grease performance is assessed by 2 tests:

- Extreme pressure: 4-ball test: load resistance of the lubricating film 40 to 800 kg. Result in kg.
- Anti-wear test
Wear resistance 40 kg / 1 hour. Result in mm.



THICKENERS

Help obtain the desired consistency thanks to simple or complex soaps, or silica, bentone or polyurea.

DRY LUBRICATION

MOLYSPRAY

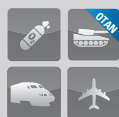
MOLYBDENUM DISULPHIDE - MOS2

Treatment and pre-treatment of all mechanisms and parts requiring assembly. Dry lubrication of small mechanisms. Facilitates running-in. The spray application gives a uniform layer. Works very well in extreme cold weather and dusty atmospheres.

Approved OTAN S740



700



■ Dark grey
T° : -200 to +450°C



4700A4 650 ml aerosol
4700A4SNCF 650 ml aerosol with extender

GRAPHENE PMUC

702

GRAPHITE

For the pre-treatment of surfaces or parts subject to very high temperatures or dusty atmospheres. Dries at room temperature. Excellent resistance of dry film. For stainless steel assembly with itself, tin mould releasing. Lubrication of runners, rods, glass etc...



■ dark
T° : -70 to +900°C
Grading : 5 µm
PMUC : 04-0104



47022A2 405 ml aerosol (non-flammable) **NEW**
4702A4 650 ml aerosol
6702A4 PMUC 650 ml aerosol

TEFLISS 2

701

PTFE

Clean and dry PTFE-based lubricant. With a very low friction coefficient. Water repellent, does not stain. For all mechanisms requiring a thin layer of micronised PTFE: sliding panels, saw blades, runners, conveyor belts, rotary and sliding joints, copying machines, reels etc.



■ white
T° : -120 to +250°C



4701A4 650 ml aerosol



BULK POWDERS

POUDRE 2115

721

POWDER GRAPHITE

Micronised graphite powder. To be used pure, as additive to lubricants, plastics... in order to increase their efficiency. Electrical conductor. Excellent dry lubricant for low and high temperatures and dusty atmospheres.

■ dark
T° : -70 to +900°C
Grading: 5 to 7 µm



3721S3 1 kg tub
3721H4 15 kg bag

POUDRE PTFE

645

PTFE POWDER

Dry lubricant based on purified and micronised PTFE. Excellent lubricant properties. Highly inert towards chemicals, compatible with rubbers. Sliding agent for assemblies (joints, fasteners, valves). Dry lubrication in case of extreme conditions. Additive for lubricants.



■ creamy white
T° : -120 to +250°C
Grading: 1 to 7 µm



3645B7 1 kg tin



OR 05

724

MOLYBDENUM DISULPHIDE POWDER

To be applied with leather cloth, brush, or drum on rectified pieces, superficially thematically treated. Sticks to metal and leaves a dry lubricating film. Facilitates running-in. Can be used for pieces pre-treatment.



■ dark
T° : -200 to +450°C
Grading : 0,6 µm



3724B7 1 kg tin
3724U0 100 kg drum

VARNISH

VERGRAF

704

GRAPHITE-BASED DRY VARNISH

Dry graphite-based varnish designed to reduce the friction coefficient on all types of surface. Dries at room temperature.

For pre-treatment of surfaces and pieces submitted to high temperatures in dusty atmosphere.

Lubrication of runners, cylinder rods, hinges, foundry moulds, glass etc. Particularly suitable for combating fretting wear.

■ dark

T° : -70 to +900°C

Grading : 5 µm



4704A4 650 ml aerosol

A20N NF

717

HALOGEN-FREE GRAPHITE VARNISH

Colloidal dispersion of micronised graphite in a binder. Forms a dry, smooth and adherent lubricating film. Resists to abrasion and gives metallic moving parts an excellent lubrication. Facilitates assembling and enables non-destructive dismantling. In particular stainless steel/stainless steel assemblies. Ideal in dusty atmospheres and for applications in very cold environments.



■ black

T° : -70 to +900°C

Cl - F - S - Br :

< 200 ppm

PMUC : 04-0106

6717i2 1 l container

GRAPHITE WB

7042

NON-FLAMMABLE GRAPHITE DRY DUBRICANT

This odourless and non-toxic water-based product is designed to be used as pre-treatment for forging, stamping and lubrication of some mechanisms.

■ black

T° : -70 to +900°C

Grading : < 10 µm

47042A4 650 ml aerosol



EMOS 60

720

MOS2 THERMOSETTING VARNISH

Dry MoS2 lubricant based on thermosetting resins. Lubricates and protects all metal surfaces against oxidation; withstands solvents and acids. Excellent salt spray resistance. Excellent dry lubricant for gears, cylinders, jacks, threaded screws, pinions, racks, screws etc. Aeronautical equipment, lifetime lubrication of all hinges exposed to low temperatures and particle-charged environments.



■ balck

T° : -100 to +250°C

Viscosity:
80 ± 10 cps

Grading : 6 µm

Setting : 160°C
40 minutes3720B7 1 kg tin
diluent 719 page 14

VER L 149/7

8287

WATER-BASED PTFE VARNISH

Water-based PTFE bonded coating designed to reduce the friction coefficient on all types of surface. Particularly suitable for protection against fretting wear. Extremely durable treatment thanks to its plasticity. Treatment of mechanical pieces in steel, aluminium, plastic, polymer. Used for the lifetime lubrication of plastic mechanisms in the electricity industry.

■ blue

pH : >9,5

Density : 1,31

ES : 51%

28287J1 5 kg jerrycan

VIMOS 70

726

MOS2 VARNISH

Dry lubricating coating for all metals and plastics. Protect from oxidation. Not soluble in solvents and hydrocarbons. Polymerises at room temperature. Excellent dry lubricant for threaded pieces, spigots, small gearings, hinges, any mechanism in dusty atmosphere. Lubrication of valves and military hinges submitted to extreme cold. Efficient even on mechanism operating very occasionally.



T° : -100 to +150°C

Viscosity :
400 ± 100 cps

Grading : 6 µm

3726B7 1 kg tin
diluent 719 page 14

PENETRATE & RELEASE

CLEAN

USE



LUBRICATE

ASSEMBLE

PROTECT

ANTI-SEIZE PASTES

LM 20

614

GRAPHITE-BASED

Exceptional adhesion, prevents oxidation, ensures perfect sealing of gaskets and connections. Lubrication of mechanisms, joints, taps, valves, bearings, operating in humid environments and at high temperatures. Facilitates assembling and disassembling..

■ black
T° : -40 to +900°C
4-ball EP : 400 kg

3614T4	200 g tube
3614B7	1 kg tin
361402	25 kg drum
3614U1	180 kg drum



LM 50

604

HIGH-CONCENTRATION GRAPHITE

Graphite assembly paste, stable at very high temperatures. For axles, sleeve fittings, hinges, rollers, oven doors, forging and foundry tools etc. Facilitates assembly and dismantling thanks to its high graphite content..

■ black
T° : -40 to +900°C

3604B7	1 kg tin
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GRN

613

HALOGEN-FREE GRAPHITE

Chlorine-free, sulphur-free and fluorine-free anti seize paste, stable at high temperatures. Mechanical assemblies. Facilitates the running-in and dismantling of parts.



■ black
T° : -80 to +900°C
4-ball EP : 250 kg
Cl - F - S - Br : < 200 ppm
PMUC : 04-016

6613A4	650 ml aerosol
6613T4	200 g tube
6613B6	500 g tin



MOB 30

610

MoS2 / GRAPHITE

Easy to use, for surface pre-treatment and mild-greasy lubrication, before mounting; for all mechanisms and parts that need to be lubricated afterwards. It makes mounting and breaking in easier. Mechanical warehouses, maintenance services.



■ black
T° : -40 to +450°C

3610T4	200 g tube
3610B7	1 kg tin



PATE SPRAY

603

MOS2 IN A THIN LAYER

Easy-to-use spray can for the application of MoS2 paste in thin and precise layers. Reinforced extreme pressure power. Lubrication of tooling, for all mounting and mechanical parts.



■ Black
T° : -40 to +450°C



4603A4	650 ml aerosol
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MOB 60

611

MOS2 HIGH-CONCENTRATION GRAPHITE

Strong formula. Mechanics use this paste for the most difficult fixings. For breaking in and pretreatment, use this paste with a leather cloth or with a brush. Strong resistance to extreme pressure. For all hard assembly. Prevents fretting corrosion. Mechanical workshops, fixing, maintenance.



■ black
T° : -60 to +450°C

3611T4	200 g tube
3611B7	1 kg tin



ANTI-SEIZE PASTES

NANOLUBRICANT® 2015

HIGH TECHNOLOGY

Mounting, assembly and surface treatment paste. Protects against corrosion, seizing and wear caused by micro-movements. Prevents welding problems and all types of corrosion thanks to the Rehinder effect.



■ black
T° : -40 to +300°C

42015A4	650 ml aerosol
32015B3	200 g tin with brush
32015B7	1 kg tin
3201551	5 kg tub



NANOLUBRICANT® 2030

WHITE, HIGH TECHNOLOGY

Anti-seize paste specifically developed for applications in the food industry or when a clean paste is required. Resulting from ORAPI's NANOLUBRICANT® technology, this paste has outstanding anti-wear and anti-seize properties, 3 to 10 times greater than standard market pastes.



■ white
T° : -40 to +150°C
NLGI Grade : 1

32030B7	1 kg box
32030S1	5 kg tub



NANOLUBRICANT® 2040

WHITE, WATERPROOF

Clean mounting, assembly and surface treatment paste. Protects against corrosion, seizing and wear caused by micro-movements and inclement weather. Withstands high temperatures and facilitates dismantling. Good adhesive properties, does not run.



■ white
T° : -60 to +200°C
4-ball EP : 800 kg
Wear : <0,4 mm

42040A4	650 ml aerosol
---------	----------------



BA 640

FOOD INDUSTRY

White and clean assembly and mounting paste. Contains very high technology lubricating powders. Does not stain. Product especially formulated for maintenance workshops. To treat tooling, tools, pieces working at high temperatures: plastic moulds, in food industry, in paper mills...



■ white
T° : -25 to +1000°C

3640T4	200 g tube
3640B7	1 kg tin
364002	25 kg drum



NB 643

WHITE, HALOGEN-FREE

Anti-seize boron nitride paste for assemblies exposed to very high temperatures. Mounting of all assembled parts that will need to be dismantled easily. Chlorine-free, fluorine-free, sulphur-free.



■ white
T° : -80 to +1400°C
Cl - F - S - Br : < 200 ppl
PMUC : 04-0107

6643B4	Tin with brush 250 ml
6643B6	500 g tin
4643A4	650 ml aerosol

COPA 1100 679

COPPER / GRAPHITE

Copper and graphite assembly and mounting paste for heavy loads and very high temperatures. Excellent anti seize resistance between steel / steel surfaces submitted to high pressures, easy to apply, very sticky, resists water, vapour and aggressive atmospheres. Threads, fastenings, bolting, gaskets.

■ black
T° : -60 to +1500°C

3679T4	200 g tube
3679B7	1 kg tin

HT 600 601

ALUMINIUM

Contains a special base and micronised aluminium. Particularly effective for treating: tools, axles, rollers, slow movements and any part that must be dismantled.



■ aluminium grey
T° : -40 to +650°C

4601A4	650 ml aerosol
3601T4	200 g tube
3601B4	250 ml tin with brush
3601B7	1 kg tin
3601S1	5 kg tub
3601O4	50 kg drum
3601U2	200 kg drum



ANTI-SEIZE PASTES

TM 900S

COPPER

Copper-based assembly paste for surface treatment and lubrication. Specifically designed to treat: tools, axles, rollers, slow-moving parts and all parts that will need dismantling. Recommended for pouring nozzles in steelworks. Electrical and thermal conductor.



600



■ copper

T° : -40 to +1100°C

4600A4	650 ml aerosol
3600B4	250 ml tin with brush
3600C4	400 g cartridge
3600B7	1 kg tin
3600O2	25 kg drum
3600U1	180 kg drum



HT 900

COPPER

Anti-seize product formulated to leave a thin lubricating layer. For threaded parts that will need to be assembled and dismantled after being exposed to very high temperatures. Refineries, dyeworks, oven, marine...

637



■ copper

T° : -40 to +1100°C

3637T4	200 g tube
3637B7	1 kg tin
3637S1	5 kg tub
3637U2	200 kg drum



HTCU

COPPER

Copper paste specifically designed for the rail sector providing corrosion protection for threaded assemblies on carriages, engines and rail tracks.

647



■ copper

T° : -40 to +1100°C

3647T4	200 g tube
3647B7SNCF	1 kg tin
3647O4	50 kg drum



PC 195

WHITE

Provides sealing and thermal transfer of heat energy while preserving the static and dimensional stability of protected devices. Alternators, starters, electrical and electromechanical devices.

641



■ white

T° : -40 to +200°C

Silicone-based

3641E4	30 ml syringel
3641C3	300 g cartridge
3641B7	1 kg tin
3641O2	25 kg drum



L 362

HIGH EFFICIENCY

Heat-conducting assembly and sealing paste. Any domain where thermal conductivity between two surfaces must be improved, heat energy transfer must be facilitated and the transfer surface area must be increased. Alternators, starters, probes, electrical and electromechanical devices, heat sensors etc. Assembly, lubrication, sealing etc.

6412



■ black

T° : -40 to +180°C

Thermal conductivity:
0.8 W/m.K

NLGI Grade : 3

36412C3	300 g cartridge
36412O2	25 kg drum

THERMALLY CONDUCTIVE PASTES

STANDARD GREASES

CT 4

MOS2 GREASE

Greasing under very heavy loads, effectively combats wear thanks to its concentration of high quality MoS2. Mechanical construction, automotive industry, arms industry etc. Safe lubrication of bearings.

608



■ grey/black

T° : -30 to +165°C

NLGI Grade : 2

4-ball EP :

315 kg

DN Factor:

350 000

4608A4	650 ml aerosol
3608T4	200 g tube
3608C4	400 g cartridge
3608B7	1 kg tin
3608S1	5 kg tub
3608O2	25 kg drum
3608O4	50 kg drum
3608U1	180 kg drum



STANDARD GREASES

CT 12 G

GRAPHITE GREASE

Greasing under very heavy load, fights effectively against wear thanks to the presence of micronised graphite. Has an extremely low coefficient of friction. Humid conditions and mechanisms subject to shocks. Ideal for applications in the automotive industry, trucks and general industry.

625

■ black
T° : -30 to +130°C
NLGI Grade : 2
4 ball EP :
315 kg
DN Factor:
350 000

3625C4	400 g cartridge
3625B7	1 kg tin

CT 14

MULTI-PURPOSE, LITHIUM-BASED

Multi-purpose EP2 grease for bearings and mechanisms subject to heavy loads. Ideal for industrial applications, automobiles, trucks etc.



4602A4	650 ml aerosol TDS
3602T3	100 g tube
3602C4	400 g cartridge
3602CL	Lube shuttle 400 g
3602B7	1 kg tin
3602S1	5 kg tub
3602O2	25 kg drum
3602O4	50 kg drum
3677U1	180 kg drum (CT 10)



602



■ light amber
T° : -30 to 165°C
NLGI Grade : 2
4 ball EP :
315 kg
DN Factor:
350 000

CT 140

FLUID GREASE FOR CENTRALISED LUBRICATION

Multi-purpose fluid EP grease for bearings and mechanisms subject to heavy loads and requiring lubrication via a centralised system. Reinforced protection against extreme pressure and wear. Ideal for applications in the car manufacturing, HGV, and industrial sectors.

680

■ amber
T° : -40 to +165°C
NLGI Grade : 0-00
4 ball EP :
315 kg
DN Factor:
350 000

3680S1	5 kg tub
3680O2	25 kg drum
3680O4	50 kg drum
3680U1	180 kg drum

CT 143

LUBRICATION/SEALING

Valves and taps can be sealed and lubricated in a single operation thanks to the thick, paste like consistency of this product. Multipurpose EP3 grease for bearings and other mechanisms that require a thick grease. Ideal for industrial applications, cars and trucks.

743

■ amber
T° : -30 to +165°C
Drop point : 180
NLGI Grade : 3
4-ball EP :
315 kg
DN Factor :
350 000

3743B7	1 kg tin
3743O4	50 kg drum

CT FLON

PTFE GREASE

Teflon® grease for lubrication under heavy load. Lubricating effect reinforced by Teflon, noise decrease, chemically inert. Ideal for lubrication on plastics. Good water resistance.

607

■ light beige
T° : -20 to 140°C
4 ball EP :
315 kg
DN Factor:
350 000



4607A4	650 ml aerosol
3607C4	400 g cartridge
3607B7	1 kg tin
3607S1	5 kg tub



ENG CB 612

CABLES/GEARS

Soft grease for cables, gear reducers, bevel and hypoid gears, tooth couplings. Quarries, public works, crushers, ski resorts etc. Excellent anti-wear properties, considerably lengthens the lifespan of gear teeth.

612

■ light brown
T° : -50 to +220°C
4 ball EP :
780 kg
NLGI Grade : 0

4612A4	650 ml aerosol
3612C4	400 g cartridge
3612S1	5 kg tub
3612O5	50 kg drum
3612U1	180 kg drum



CT BIO

BIODEGRADABLE

Multi-purpose grease for outdoor use: locks, barriers, agriculture, forest management, cable cars, public works, port areas etc. Excellent water and storm water resistance.



687

■ green
T° : -25 to +145°C
4 ball EP :
315 kg
DN Factor:
500 000

3687C4	400 g cartridge
3687O2	25 kg drum

SPECIAL GREASES



SPECIAL GREASES

CT 300

628

INFUSIBLE GREASE

Grease with outstanding extreme pressure lubricating properties at high temperatures. Not soluble in water. No drop point, does not run, even if subjected to overheating. Recommended for steelworks: rolling mills, rubber, cardboard, paper industries etc. for main bearings, roller bearings etc.

■ light brown
T° : -40 to +210°C

3628C4	400 g cartridge
3628S1	5 kg tub
3628O4	50 kg drum
3628U2	180 kg drum

CT 698

698

HYDROCARBON CONTACT GREASE

Lubrication in the presence of petrol and hydrocarbons, loading arms in refineries, vehicle petrol caps. Valve lubrication in the chemical and petrochemical industry.

■ blue
T° : -35 to +75°C
Water resistance: very good

3698C4	400 ml cartridge
3698O4	50 kg drum

CT 520

630

VALVE GREASE FOR THE PETROCHEMICAL INDUSTRY

Sticky highly adhesive grease, especially appropriated for valves and taps in chemical and petrochemical industry, furthermore in very cold areas.

■ white
T° : -26 to +250°C
Drop point : none
Water resistance: very good

3630B7	1 kg tin
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CT 51 NF

629

HALOGEN-FREE

Versatile, multi-purpose grease for all types of mechanism: bearings, hinges, runners etc. Water and solvent resistant.



■ white
T° : -20 to +160°C
Cl - F - S - Br : < 200 ppm
PMUC : 19-0533

6629T3	100 g tube
6629C4	400 g cartridge
6629B7	1 kg tin
6629O2	25 kg drum



GRAISSE A L'ARGENT

634

ELECTRICALLY CONDUCTIVE GREASE

Lubricant which considerably reduces the wear of electrical contacts while ensuring perfect electrical continuity. For circuit breakers, isolators, switches, braids, etc. Arc resistant.

■ beige
T° : -20 to +250°C

3634B2	250 g tin
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VASCO 15

658

HALOGEN-FREE VASELINE

Chlorine-free, sulphur-free, fluorine-free Vaseline codex grease, specifically designed to lubricate small, delicate mechanisms and joints. Delicate greasing of plastics, ways, cables, grooves, runners, locks.



■ white
T° : -20 to +50°C
NLGI Grade : 4/5
Water resistance : good
Cl - F - S - Br : < 200 ppm
PMUC : 19-084

6658T3	100 g tube
6658B7	1 kg tin

VASCO

657

VASELINE CODEX GREASE

Specifically designed for the lubrication of delicate mechanisms: Textile, food, pharmaceutical, watch making industry etc.



■ white
T° : -20 to +50°C
NLGI Grade : 4/5
Water resistance : good



3657C3	310 ml cartridge
3657B7	1 kg tin
3657S1	5 kg tub

CT 691

691

LUBRICATION OF TELESCOPIC CRANE BOOMS

Water repellent, insulating, non-stick lubricating paste formulated with ultra-pure and PTFE-enhanced synthetic oils, for the mounting and lubrication of sliding and telescopic assemblies. Non-stick, long term lubrication even in extreme weather conditions. Excellent resistance to inclement weather, extreme cold and very hot weather..

Can be sprayed with lube shuttle spray gun 700081 (pneumatic version)

■ white
T° : -50 to +200°C
NLGI Grade : 1
4-ball EP test : < 0.45 mm
4 ball EP : > 340 kg

3691C4	400 g standard cartridge
3691C4LS	400 g Lube Shuttle cartridge
3691O2	30 l drum

SPECIAL GREASES

WSA

MARINE GREASE

Adheres, resists to water and steam. Multipurpose. Suitable for the marine environment and hydraulic industries. Bearings, axles, runners etc. Port areas, water treatment plants.



605



■ green

T° : -30 to +130°C

4 ball EP : 315 kg

DN Factor: 500 000

4605A4	650 ml aerosol	3605B7	1 kg tin
3605T4	200 g tube	3605S1	5 kg tub
3605C4	400 g cartridge	3605O2	25 kg drum
3605CL	400 g Lube shuttle	3605O4	50 kg drum



WSAi

COLOURLESS MARINE GREASE

Adheres, resists to water and steam. Multipurpose. Suitable for the marine environment and hydraulic industries. Bearings, axles, runners etc. Port areas, water treatment plants.

605i



■ colourless

T° : -30 to +130°C

4 ball EP : 315 kg

DN Factor: 500 000

4605iA4	650 ml aerosol
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CTDMEP 2

HIGH-TEMPERATURE GREASE

Top range grease for heavy loads and high temperatures. Paper mills, public works, textiles, cardboard plants, steelworks. Excellent resistance in humid environment. Excellent stability for long lasting use.

606

■ blue

T° : -30 to +180°C

4 ball EP : 315 kg

DN Factor: 500 000

3606C4	400g cartridge	3606O2	25 kg drum
3606B7	1 kg tin	3606O4	50 kg drum
3606S1	5 kg tub	3606U1	180 kg drum

CT 683

SILICONE-FREE JOINT GREASE

Specifically formulated without silicone for assembling joints in the automotive industry. Greasing and sealing of all mechanisms. Chemically inert. Does not affect seals. For greasing all elastomers. Protects electrical devices against moisture.

683



■ fluorescent white

T° : -50 to +230°C

Drop point : none

NLGI Grade : 3,5
Water resistance : Very good

3683B7	1 kg tin
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CT 830

HIGH-PERFORMANCE GREASE

Synthetic fluorinated grease, resistant to hydrocarbons and chlorates. Remains very stable over time. Recommended for difficult greasing jobs: refineries, chemical plants etc. Suitable for the lubrication of conveyors in epoxy painting booths.

616

NSF



■ white

T° : -40 to +280°C

4 ball EP: 800 kg

3616T3	100 g tube
3616C5	800 g cartridge
3616B7	1 kg tin
3616S1	5 kg tub



CT 8 EP

EXTREME PRESSURE MOS2 GREASE

MoS2 lubricant specifically formulated for use in very hot and exacting environments. Public works, transport, car equipments, mines, boiler rooms. Greatly reduces noise and mechanism wear.

617



■ grey / black

T° : -20 to +230°C

4 ball EP : 315 kg

3617B7	1 kg tin
3617O4	50 kg drum
3617U2	180 kg drum



CT 1240

HIGH PERFORMANCE GREASE +320°C

Perfluorinated, non-stick infusible grease, particularly suitable for aggressive and corrosive environments. Rollers for epoxy painting lines, valves for oxidising materials and petrol etc. Excellent water resistance..

619



■ white

T° : -40 to +320°C

4 ball EP : 800 kg

3619T3	100 g tube
3619C5	800 g cartridge
3619B7	1 kg tin
3619S1	5 kg tub



SPECIAL GREASES



M 4

MOS2 INFUSIBLE GREASE

Infusible grease with MoS₂. Extreme pressure, does not run. Very stable during lifetime. Very stable at temperature. For bearings, axles, hinges, pumps,

660


■ Dark grey

T° : -35 to +225°C

NLGI Grade : 2

Drop point : none

3660C4 400 g cartridge

3660B7 1 kg tin

366004 50 kg drum

3660U2 180 kg drum

AVAILABLE IN GRADE 1 M04 (6602)

AVAILABLE IN GRADE 0 M04 (6603)



NANOLUBRICANT® 2010

TOP-OF-THE-RANGE SEMI-SYNTHETIC

Grease rich in additives using new innovative technologies, with tremendous potential for advanced lubrication. Multi-purpose, high-performance grease.



■ black

T° : -30 to +230°C

Speed : 500 to 8000 trs/mn

4 ball EP : 800 kg

42010A4 650 ml aerosol

32010C4S 400 g cartridge

32010C4 400 g Lube Shuttle cartridge

32010B7 1 kg tin

3201002 25 kg drum

3201004 50 kg drum



NANOLUBRICANT® 2035

HIGH-TECH WHITE GREASE

Grease specifically developed for applications in the food industry or where clean grease is required. Resulting from ORAPI's NANOLUBRICANT® technology, this grease has outstanding anti-wear, extreme pressure and long-life properties, 2 to 4 times greater than other greases on the market.



■ white

T° : -30 to +150°C

NLGI Grade : 2

4 ball EP : 500 kg

32035C4S 400 g standard cartridge



NANOLUBRICANT® 2045

WATERPROOF MARINE GREASE

High-performance, long-lasting tacky and adhering grease resulting from new technologies. Calcium soap grease specifically formulated for very wet or underwater marine environments, notably severe weather and humidity conditions. For petroleum industries, port areas, wind farms, agriculture, public works, paper mills.



■ black

T° : -30 to +130°C

NLGI Grade : 2

4 ball EP : 800 kg

32045C4S 400 g cartridge standard

32045B7 1 kg box

3204504 50 kg drum



CT 665

SEVERE WEAR AND SHOCK CONDITIONS

Grease formulated using calcium sulfonate soap. Especially designed for very severe conditions: extreme pressure, wear, shocks, water resistance. Main bearings, oven bearings, foundry rollers, axles, frames etc. for agriculture, civil engineering, marine, steelworks, public works.



■ caramel

T° : -25 to +190°C

4 ball EP : 480 kg

Water resistance: Very good

3665C4 400 g cartridge

3665B7 1 kg tin

M 6

675

HIGH SPEED AND SEVERE COLD

Synthetic grease with lithium soap. Extreme pressure, resistant to low temperatures, ideal grease for lubrication in cold regions such as the poles, at very high altitude and in the refrigerating industry. Resists heavy loads and very high speed. Appropriate for spindle bearings and every bearing with big diameter at high speed..



■ > ■ beige to brown

T° : -73 to +121°C

4 ball EP : 350 kg

DN Factor: 1 000 000

3675C4 400 g cartridge

3675B7 1 kg tin

M 7

674

MOS2 AERONAUTICAL GREASE

Extreme pressure synthetic grease enhanced with molybdenum disulphide. Excellent performance at low temperatures, withstands very high rotation speeds and ideal for large-diameter bearings. Resistant to heavy loads and shocks. Ideal grease for lubrication in regions such as the poles, at very high altitude and in the refrigerating industry or aeronautical applications.



■ noir

T° : -73 to +121°C

4 ball EP : 350 kg

DN Factor: 1 000 000

3674B7 1 kg tin



SPECIAL GREASES

CT 662

662

HIGH-PERFORMANCE POLYUREA

Polyurea based soap. Excellent water and wear resistance. Compatible with almost all types of grease. Exceptional lifetime at high temperature. For bearings exposed to water, heavy loads and high speeds and temperatures: electric motors, fans, conveyors etc.

■ light brown

T° : -20 to +150°C

4 ball EP : > 320 kg



3662C4 400 g cartridge

3662B7 1 kg tin

M1RB LUBRIMOLY M2 639

LONG-LASTING GREASE

High-tech MoS₂ grease for long-lasting lubrication in the aeronautical and aerospace industries (ARIANE ESPACE approved) and the armed forces. Remains efficient a long time, even on pieces submitted to movements with a low frequency. Very stable to temperature changes.



■ Dark grey

T° : -30 to +160°C

4 ball EP : 315 kg



3639T4 200 g tube

3639B7 1 kg tin

3639O2 25 kg drum

GRAISSES ALIMENTAIRES

CT 615

615

WHITE GREASE

Food-related industries. Water and detergent resistant. Direct and centralised greasing. Bearings, cams, packaging machines, conveyors etc.



■ white

T° : -20 to +160°C

Grade : 1,5



3615T3 100 g tube

3615C4 400 g cartridge

3615CL 400 g Lube Shuttle cartridge

3615B7 1 kg tin

3615S1 5 kg tub

3615O1 20 kg drum

3615O4 50 kg drum

CT FLON AL

618

PTFE GREASE

Greasing under heavy loads with the lubricating effect of PTFE, noise reduction. Chemically inert. Excellent water resistance, good adhesive properties. Bearings, conveyors, etc. ideal for use on plastics.



■ white

T° : -40 to +170°C

DN Factor : 350 000



4618A4 650 ml aerosol

3618C4 400 g cartridge

3618B7 1 kg tin

3618S1 5 kg tub

CT 609

609

TRANSPARENT GREASE

Does not stain, excellent water resistance. For chains, hinges, runners, cutting knives on packaging lines, sliding surfaces.



transparent

T° : -30 to +150°C

Drop point : none



4609A8 270 ml TDS aerosol

4609A4 650 ml aerosol

3609T4 200 g tube

3609C4 400 g cartridge

3609CL 400 g Lube Shuttle cartridge

3609B7 1 kg tin

3609O4 50 kg drum

CT 6092

6092

TRANSPARENT DIRECT CONTACT GREASE

Very high-quality translucent grease for the food and food processing industry for applications where direct contact with food is required or is unavoidable. 3H certified: This grease can be used on grills, bread pans, knives, boning benches, cutting boards and other hard surfaces...²



colorless

T° : -15 to +180°C

Grade : 2

Class : 3H

Drop point : none

36092C4 400 g cartridge

36092B7 1 kg tin

CT 622

622

VERY SOFT PTFE GREASE

Lubrication under heavy loads with PTFE's lubricating effect, noise reduction. Chemical inertness. Excellent water resistance, very adhesive. Bearings, conveyors... Ideal on plastics.



■ white

T° : -15 to +130°C

Grade : 00

Class : H1

3622B7 1 kg tin

3622O4 50 kg drum

CT 6221

6221

SOFT PTFE GREASE

Lubrication under heavy loads with PTFE's lubricating effect, noise reduction. Chemical inertness. Excellent water resistance, very adhesive. Bearings, conveyors... Ideal on plastics.



■ white

T° : -15 to +130°C

Grade : 1

Class : H1

36221C4 400 g cartridge

36221B7 1 kg tin

36221O4 50 kg drum



SILICONE GREASES

SI 4

SILICONE GREASE

For the assembly and lubrication of all mechanisms. Water repellent. Excellent thermal conductivity, chemically inert. No effect on gaskets. For greasing all elastomers. Protects electrical devices.



621



colourless

T° : -40 to +200°C

Drop point : none

Water resistance: very good

NLGI Grade : 2

3621T3	100 g tube
3621B7	1 kg tin
3621O2	25 kg drum



SI VIDE

HIGH-VACUUM GREASE

Formulated for the assembly and lubrication of all mechanisms under vacuum. Water repellent grease, very sticky, based on special silicone oils. Chemically inert. No damage on gaskets or elastomers.

633

colourless

T° : -40 to +200°C

Drop point : none

Water resistance: very good

Vacuum capability : 10⁻⁴

3633T3	100 g tube
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SI 20

SILICONE GREASE

Enhanced anti-wear and anti-corrosion properties. For bearings, hinges and mechanisms operating in very humid atmospheres at high speeds and under medium loads. Absorbs heat energy.

646

■ beige

T° : -30 to +160°C

3646B7	1 kg tin
3646O4	50 kg drum



SI 450

JOINT LUBRICATION

Silicone grease for assembling joints and lubricating all mechanisms in contact with water. Water repellent. Excellent thermal conductivity, chemically inert. Keeps rubber gaskets flexible. Protection of all electrical devices. Suitable for greasing all elastomers.

648



colourless

T° : -40 to +200°C

Water resistance: very good

Cl - F - S - Br : < 200 ppm

PMUC : 19-172

6648T4	200 g tube
6648B7	1 kg tin



SI 528

LUBRICATION/SEALING OF VALVES AND TAP FITTINGS

Formulated for the assembly and lubrication of all mechanisms. Water repellent. Excellent thermal conductivity, chemically inert. Lubrication of industrial valves and fittings. Metal and plastic valves and cylinder rods. Compatible with all seals and elastomers.

649

colourless

T° : -40 to +200°C

Water resistance: very good

NLGI Grade : 3

3649B7	1 kg tin
3649O2	25 kg drum



SI ROBINET

VALVES AND TAP FITTINGS, FOOD INDUSTRIES

Lubrication of household and industrial valves and tap fittings. For metal, glass and plastic valves. Compatible with all seals and elastomers. The grease remains very stable when exposed to heat, hot or cold water or solvents. Chemically inert.

651



colourless

T° : -40 to +200°C

Drop point : none

Water resistance: very good

NLGI Grade : 2

3651T3	100 g tube
3651B7	1 kg tin



CT 630

FLUOROSILICONE GREASE

High-tech synthetic grease specifically formulated to withstand heavy chemical stress: acids, strong oxidising agents, solvents, hydrocarbons. Bearings, fans, ovens, conveyors, electrical connectors. High stability over time and in every kind of atmosphere.

672

■ white

T° : -40 to +280°C

3672C4	400 g cartridge
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CTSI

AEROSOL GREASE

High viscosity lubricant for maximum resistance to bad weather. For the semi-greasy lubrication of chains, conveyors, plastic materials, rubber, locks, hinges, open mechanisms, pharmaceutical industry equipment, ski lift poles, etc. Excellent mould releaser.

809



colourless

T° : -60 to +200°C

4809A4	650 ml aerosol
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SILICONE GREASES

SITEF 2

620

PTFE SILICONE GREASE

High-performance grease recommended for lubrication under vacuum in the presence of acidic or alkaline products. Excellent water resistance. Plastic-to-plastic lubrication. Does not stain. For (low speed) ball bearings operating at very high or very low temperatures, tap fittings, valves etc. in the refrigeration, chemical, petroleum and aeronautical industries, industrial bakeries, etc.



■ white

T° : -60 to +280°C

NLGI Grade : 2



3620T4	200 g tube
3620C4	400 g cartridge
3620B7	1 kg tin
362002	25 kg drum



SITEF 1

626

PTFE SILICONE GREASE: SOFT

High-performance grease recommended for lubrication under vacuum in the presence of acidic or alkaline products, where a soft grease is required. Excellent water resistance. Plastic-to-plastic lubrication. Particularly suitable for low temperatures. Does not stain. For cold industry, chemical industry, petrol industry, industrial bakeries, aeronautical environment...



■ white

T° : -60 to +280°C

NLGI Grade : 1

3626B7	1 kg tin
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SITEF 3

654

PTFE-BASED SILICONE GREASE: HARD

Lubrication and sealing of valves and metallic, glass or plastic taps. Compatible with all gaskets. Lubrication under vacuum at low and high temperatures. Excellent resistance to water and chemicals. The thick texture provides a watertight seal as well as lubrication.



■ white

T° : -60 to +280°C

Viscosity :
≈ 22 000 cps
to 25°C

NLGI Grade : 3

3654C4	400 g cartridge
3654B7	1 kg tin



SIL 50/50

823

SURFACE TREATMENT

MoS₂ silicone paste. Exceptional resistance to corrosive chemicals, water, steam and oxidation. Lubrication of mechanisms exposed to very low and very high temperatures. Widely used in aeronautics.



■ Bluish grey

T° : -50 to +300°C

NLGI Grade : 1

4 ball EP :
500 kg

3823T3	100 g tube
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SI 33

652

COLD SILICONE GREASE

Very powerful grease, at low temperature. It avoids joints' bonding and deformation. Frequent washing and oxidation resistant. Excellent for bearings, plastic materials, elastomers, joints, cams and runners. Excellent resistance to solvents and chemicals.



■ white

T° : -70 to
+200°CWater resistance:
very good

3652T3	100 g tube
3652B7	1 kg tin



SILICONES OILS

SILICONE SPRAY

803

LUBRICANT AND MOULD RELEASER

Aerosol version of silicone oil for easy and precise release. Excellent for releasing from rubber and plastic moulds. Very strong water repellent power. Withstands frequent cleaning. Lubrication of guillotine table and blade. Non-adhesive, antistatic lubrication of conveyor belts and slideways in the packaging and textiles industries..



colourless
 $T^{\circ} : -50 \text{ to } +200^{\circ}\text{C}$
 PMUC : 19-208



4803A4 650 ml aerosol
 6803A4 PMUC 650 ml aerosol

SILAL

812

FOOD GRADE SILICONE LUBRICANT

Mould releaser for materials used in the food and pharmaceutical industries. Water repellent lubricant for chains, conveyors, open mechanisms where incidental contact with food may occur. Pharmaceutical industry, nappy folding and packaging etc. (ACS compliant).



colourless
 odourless
 $T^{\circ} : -40 \text{ to } +180^{\circ}\text{C}$



4812A4 650 ml aerosol

SILICONE V 7500

746

VISCOUS LUBRICANT AND MOULD RELEASER

Powerful mould release agent, leaving no residue when hot. Lubricate plastics and rubber gaskets without damage. To be used with a large temperature range without risk to congeal, chemically inert, no risk of corrosion, resists for several months even with frequent washes. For lubricating mechanisms exposed to very humid environments.

colourless
 $T^{\circ} : -45 \text{ to } +200^{\circ}\text{C}$
 Viscosity at 25°C :
 7 500 cSt



2746J1 5 kg jerrycan
 2746U2 200 kg drum
 2747S1 5 kg tub - SILICONE V 12500

SILICONE V 300

825

FLUID SILICONE OIL

Highly hydrophobic silicone lubricant, to be used neat. Can be used within a broad range of temperatures with no risk of congealing; chemically inert; resists frequent washing for several months. Lubrication of all mechanisms. Pharmaceutical grade, cosmetics.



colourless
 $T^{\circ} : -52 \text{ to } +200^{\circ}\text{C}$
 Viscosity at 40°C :
 300 cSt
 Viscosity at 25°C :
 350 cSt



2825i2 1 kg container
 2825J1 5 kg jerrycan

ESIL 10/10

822

RUBBER SLIDING AGENT

Silicone emulsion for perfect plastic/metal sliding. Mould release for concrete, rubber and other plastic materials. Excellent lubricant for protecting and assembling door and window profiles, footwear industry equipment, etc. Can be used neat or diluted. Water-based.

■ white
 COV : 0%
 non-flammable

3822J1 5 l jerrycan
 3822O1 20 l drum

LUBRIFIANT 836

836

SEMI-GREASY SILICONE

Fluid lubricant based on pre-diluted silicone for a less greasy appearance. Water repellent mould releaser. Resist to oxidation and chemicals. Advised for metals. Does not damage plastics, nor rubber. Forms an anti adhering and lubricant film.

colourless
 $T^{\circ} : -45 \text{ to } +200^{\circ}\text{C}$
 Flash point : 30°C

2836J1 5 l jerrycan

MECHANICAL OILS

ORALUB 32

894

TURBINES, SPINDLES

Provides corrosion protection of lubricated surfaces. Very low friction coefficient, anti-wear properties, adapted for central greasing. Fast spindle movements, hydraulic motors and pumps, precision mechanisms etc.

■ yellow

Viscosity at 40°C :
32 cStFlow point :
-27°C

ISO 32

2894J1 5 l jerrycan

289401 20 l drum

2894U2 220 l drum

ORALUB 46

893

HYDRAULICS, RUNNERS

Multipurpose lubricant with antioxidant additives, anti-wear and extreme pressure characteristics. Specially designed for power transmissions. Suitable for centralised greasing and oil mist lubrication systems. For application onto hydraulic motors and pumps, precision machine tools.

■ yellow

Viscosity at 40°C :
46 cStFlow point :
-24°C

ISO 46

2893J1 5 l jerrycan

289301 20 l drum

2893U2 220 l drum

2893N1 1000 l container

ORALUB 68

895

RUNNERS, GEARS

Oil with high grip and extreme pressure additives and which guarantees anti-corrosion protection of lubricated surfaces. Avoids frictions and vibrations. For all runners, regardless of speed and load conditions, machine tool guides and sliders, cables, gears, gear reducers, hydraulic equipment, etc...

■ yellow

Viscosity at 40°C :
68 cStFlow point :
-24°C

ISO 68

2895J1 5 l jerrycan

289501 20 l drum

2895U2 220 l drum

2895N1 1000 l container

ORALUB 868

NEW

868

SOLUBLE LUBRICANT FOR SCISSORS
IN GLASS INDUSTRIES

A water-soluble lubricant that forms an emulsion for lubricating and cooling scissors in the glass industries. Without residues. Optimal for lubrication in a very 'hot' environment: 1000 to 1200 ° C.

■ yellow

Viscosity at 40°C :
22 mPa.s

2868U2 200 l drum

286805 60 l drum

CB 831

831

GEARS

High-tech, very adhesive fluid lubricant capable of withstanding high temperatures under heavy loads. Contains extreme pressure additives, reinforced anti-corrosion property. No gap formation when using splash lubrication. Gears, cranes, public works equipment, port areas, ball mills for crushing ore, cable cars, gantries, etc.

■ brown

Viscosity at 40°C :
220 cStFlash point :
260°CFlow point :
-12°C

ISO 220

2831i2 1 l container

2831J1 5 l jerrycan

283101 20 l drum

2831U2 220 l drum

LUB CABLE

831E

CABLE OIL

Very fluid, adhesive and highly penetrating oil for internal and external cable lubrication. Contains extreme pressure and water repellent agents. Increases the life span of crane, cable car, hoist, bridge crane cables and protects them against corrosion. Applied with a brush, by spraying or splash lubrication.

■ brown

very fluid

Viscosity at 25°C :
100 cP4-ball wear
1h at 40 kg :
<0,4 mm

2831E 01 20 l drum

MECHANICAL OILS

CB5

LUBRICANT FOR CHAINS

MoS₂-based penetrating lubricant. Enhanced antioxidant, extreme pressure and anti-wear properties. Lubrication of chains, conveyors, mechanisms, etc. operating at high temperatures, subject to heavy loads and in dusty environments. Recommended by SEDIS.

802



■ black
T° : -30 to +230°C
Viscosity at 40°C :
40 cSt
Viscosity at 25°C :
50 cSt



4802A4	650 ml aerosol TDS
2802J1	5 l jerrycan
280205	60 l drum

CB6

CLEAN LUBRICANT FOR CHAINS

Semi-synthetic water-resistant liquid. Anti-oxidising and anti-wear properties, for high temperatures. Does not stain or attract dust. Conveyors, forklift trucks, agricultural tooling, hobbies... Recommended by SEDIS.



806

■ brown
T° : -30 to 280°C
Viscosity at 10°C :
1700-1800 cSt
Viscosity at 40°C :
210 cSt



4806A4	650 ml aerosol
3806i2	1 l container
3806J1	5 l jerrycan
380601	20 l drum
3806U2	200 l drum



G 105 X

663

GRAPHITE-BASED CHAIN LUBRICANT

Graphite-enhanced mineral oil for mechanisms operating at high temperatures under high stress. Not water soluble, protects against corrosion. Recommended for the lubrication of chains and conveyors in the textiles industry, on oil rigs, in port areas, glass works and the automotive industry. Advised in special applications: deformation, cutting, drilling.

■ black
T° : up to +240°C
Silicone-free
Viscosity at 25°C :
= 1960 cP

366301	20 kg drum
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NANOLUBRICANT®

2020

HIGH TECHNOLOGY

Highly adhesive, water repellent fluid lubricant containing revolutionary additives. For cables, chains and gears. Resists to high temperatures and heavy loads. Reinforced anti-corrosion and anti wear properties. Increases lubrication longevity by 5, reduces wear by 4 and reduces friction by 2.



■ dark khaki
T° : -30 to +150°C
Viscosity at 20°C :
220 cSt
Test Wear 4 billes:
<0,5 mm
EP : 680 kg



42020A4	650 ml aerosol
22020J1	5 l jerrycan

MOLIQ

837

SELF-CLEANING LUBRICANT

Extreme pressure fluid based on MoS₂ and graphite. Developed for the external lubrication of points bearings, railway tracks and any mechanism operating intermittently and being exposed to dirt. Cleans and lubricates in one go. Underground railways, tramways, railways, merry-go-rounds.



■ black
T° : -40 to +180°C
4 ball EP:
800 kg

2837i2	1 l container
2837J1	5 l metal jerrycan
283701	20 l drum

ORAFLOX

PTFE LUBRICANT

High-technology, semi-greasy PTFE lubricant for long-lasting use. Reinforced anti wear and anti oxidation properties, excellent adherence. Very low friction coefficient. Excellent resistance to water and cold. For chains, cables, slides, delicate mechanisms...



■ light amber
T° : -20 to +230°C



4705A2	405 ml aerosol TDS
2705i2	1 l container
2705J1	5 l bottle

G 840

840

GLYCERIN OIL

Refined lubricant for delicate greasing. Very fluid, to be used for lubrication of micro-mechanisms, control devices and pressure gauge filling. Does not stain.



colourless
T° : -20 to +70°C
Viscosité at 25°C :
800 cPs
Cl - F - S - Br :
< 200 ppm
PMUC : 19-108

6840i2	1 l container
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MOULD RELEASE OILS

ORATEN

811

SILICONE-FREE MOULD RELEASER

Multi-purpose, silicone-free mould-releasing and lubrication agent for plastics and rubber. Prepares surfaces for welding, duplicate moulding, electroplating and printing. Used in the wood industry to facilitate the sliding of balls bearings and trays..

colourless
T° : -30 to +200°C

4811A4	650 ml aerosol
2811J1	5 l jerrycan

PEI 35

838

MOULD RELEASER FOR DIFFICULT CONDITIONS

Product for mould releasing on plastics and rubber when complex shapes are difficult to release. Excellent non-stick properties for special polymers. Silicone-free product that can be painted or printed on after the product is released from the mould. Does not stain. Widely used for moulding plastic, provides an end product that is clean and perfectly sized.

colourless
T° : -20 to +150°C

4838A4	650 ml aerosol
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FOOD GRADE OILS

FINE 121

810

LIGHT OIL

Highly fluid, clean lubricant for greasing delicate mechanisms. For lubricating micro-mechanisms, control apparatus, pneumatic circuits and chains in the food industry. Recommended by SEDIS. 3H for direct contact with foodstuffs.



colourless
T° : -30 to +150°C
PMUC : 19-0532
ISO 15



2810R1	125 ml oil can
4810A4	650 ml aerosol TDS
2810I2	1 l container
2810J1	5 l jerrycan
2810U2	200 l drum
6810R1 PMUC	Burette 125 ml
6810A4 PMUC	650 ml aerosol TDS
6810I2 PMUC	1 l container



ORAFLO AL

FOOD GRADE PTFE LUBRICANT

High-tech PTFE-based lubricant. Gives all treated mechanisms long term lubrication. Does not stain. Improves friction coefficient and eliminates noises. For the food industry (abattoirs, bottle conveyors etc.)



707



■ white
T° : -20 to +230°C
Viscosity at 25 °C :
44 cSt



4707A8	270 ml aerosol TDS
4707A4	650 ml aerosol TDS
2707i2	1 l container
2707J1	5 l jerrycan



HUILE L 305

565

MULTI-PURPOSE SYNTHETIC OIL

Multipurpose lubricant with a much higher anti-wear power than traditional lubricants. Cleans, penetrates and lubricates very quickly. Protects against corrosion. Oil designed for abattoirs, canning, biscuit and cheese plants etc. for all types of lubrication: chains, gears, pinions, slideways. The viscosity is suitable for a broad range of applications and mechanisms.



colourless
T° : -35 to +135°C
Viscosity at 40°C :
105 cSt



4565A4	650 ml aerosol TDS
2565J1	5 l jerrycan

DESUCR'OIL

819

SUGAR DISSOLVING OIL

Highly penetrating, sugar dissolving and lubricating white fluid. Dissolves sugar residue, infiltrates, lubricates and protects. De-seizes mechanisms blocked by large sugar deposits. White, tasteless and odourless lubricant. Food industries (chains, pinions etc.), sweet food packaging, production and processing equipment. Water-based.



■ white
Transparent liquid
T° : +5 to +70°C
Flash point :
none
COV : 0 %

2819J1	5 kg jerrycan
281901	20 kg container
2819U2	200 kg drum



OIL ADDITIVE

NANOLUBRICANT®

2021 - 2026

ADDITIVE FOR LUBRICANTS

High-tech additive based on ORAPI's innovative NANOLUBRICANTS®. Enhances the extreme pressure and anti-wear properties of the lubricants which contain the additive. Enhances the vitality and efficiency of waste oil. Boosts the performance of low to medium-range oils. 100 ml = dose for 5 l.



■ **black**
 T° : **-30 to +300°C**
 Usage dose:
de 1 to 3%
 Viscosity at 21°C :
1350 cP



22021R4	100 ml bottle
22021i1	500 ml can
2202601	20 l drum *formulation specific

DOPE SBW

860

ADDITIVE FOR ALL TYPES OF OIL

Improves oil performance. Soluble with every mixing ration, even in additivated oils. Enhances extreme pressure and anti-wear properties. Reduces tooling warming up and avoid its premature wear. Recommended for gearboxes, variable speed controllers, gear reducers, bearings etc. in aeronautics, agriculture, industry etc. Ideal for improving the performance of soluble cutting oils.

colourless
 Usage dose:
0,5 to 5%
 Viscosity at 40°C :
140 cSt

286001	20 kg jerrycan
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FLUORINATED OILS

FLUIDE 830

830

SYNTHETIC LUBRICANT

High-tech fluid lubricant resistant to aggressive chemicals: strong oxidising agents, steam, oxygen, helium, hydrocarbons, and high temperatures. Compatible with plastic materials. Silicone-free. Can be used as a mould-release agent. To be applied in a very thin coat.



colourless
viscous liquid
 Scent : **none**
 T° : **-40 to +280°C**
 Density : **1,9**
 Viscosity at 40°C :
89 cSt

4830A2	405 ml aerosol
3830i2	1 kg container
3830J1	5 kg jerrycan

FLUORE 60

669

FLUID SYNTHETIC LUBRICANT

High-tech fluid synthetic lubricant resistant to aggressive chemicals: strong oxidising agents, steam, oxygen, helium, hydrocarbons, and high temperatures. Compatible with plastic materials. Can be used as a mould-release agent.



colourless
liquid
 Scent : **none**
 T° : **-49 to +154°C**
 Density : **1,88**
 Viscosity at 40°C :
30 cSt

3669i2	1 kg container
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FLUORE 6

685

VERY FLUID SYNTHETIC LUBRICANT

High-tech, very fluid lubricant resistant to aggressive chemicals: strong oxidising agents, steam, oxygen, helium, hydrocarbons, and high temperatures. Compatible with plastic materials. Can be used as a mould-release agent.



colourless
fluid liquid
 Scent : **none**
 T° : **-70 to +100°C**
 Density : **1,83**
 Viscosity at 40°C :
6 cSt

368501	20 kg drum
3685i2	1 kg container



METAL WORKING - VANISHING FLUIDS

FTS 60

878

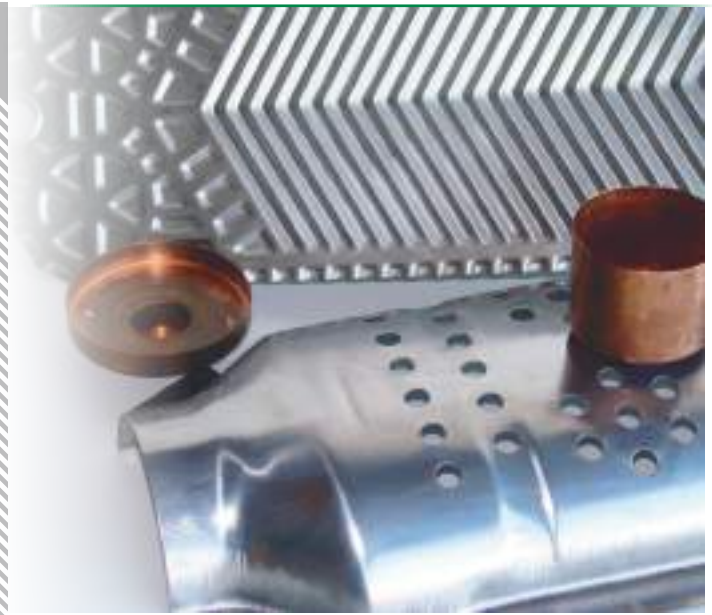
FOR STAMPING AND CUTTING THICK METAL SHEETS

Fluid for forming operations with complex shapes. Leaves a light very resistant film that protects pieces against corrosion. Perfectly appropriate for various operations on metals and alloys, even coated and very thick.

■ yellow

Viscosity at 25°C :
2,8 cSt

2878i2	1 l container
287801	20 l drum
2878U2	200 l drum



PENETRATE & RELEASE

CLEAN

USE



FTS 18

869

MEDIUM MATERIAL CUTTING AND STAMPING

Fluid for working operations involving complex shapes. Works very well on thin to medium thickness metal sheets thanks to its extreme pressure agents. Leaves no residue.



colourless

Viscosity at 25°C :
1,3 cSt

Metal sheet :
up to
20/10 mm

286901	20 l drum
2869U2	200 l drum



LUBRICATE

FTS 21

872

MEDIUM AND THIN MATERIAL CUTTING AND STAMPING

Chlorine-free, sulphur-free thermodegradable fluid for delicate working operations on thin materials designed for the food and pharmaceutical industry. Leaves a light residual film, nearly imperceptible Thermodegradable.



colourless

Viscosity at 25°C :
1,45 cSt

287201	20 l drum
2872U2	200 l drum

FTS 230 C

856C

THICK METAL SHEETS, HIGH OUTPUTS

Fluid for working operations involving complex shapes and high consumption due to significant output. For thick metal sheets; contains extreme pressure agents. For the cutting, folding and shaping of steel straps. Stamping, folding, working, cutting, punching of all metals and special alloys. Automatic stamping: covers, boxes, packaging of all shapes.



colourless

Viscosity at 25°C :
1,6 cSt

2856CN1	1000 l container
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ASSEMBLE

PROTECT

METAL WORKING - NEAT OILS

FILDUC BIO BIODEGRADABLE

Neat oil for all machining operations, formulated from additives and base ingredients carefully selected for their biodegradability and performance. Can be used for a variety of operations, tools and worked metals. Specifically formulated for use in forestry operations, near rivers, ponds, in agriculture, ski resorts, quarries, etc.


912


■ brown

Viscosity at 40°C :
41,3 cSt

4912A4	650 ml aerosol TDS
2912J1	5 l jerrycan



FILDUC 1879

TAPPING, DRILLING, SAWING

Cutting oil with very good extreme pressure and anti-wear properties. Effective, multi-purpose product. Exceptional adhesion on screw taps and drills. Excellent for tapping difficult holes whether "blocked" or not in all types of steel, including stainless.



■ brown

Viscosity at 40°C :
510 cSt

4859A4	650 ml aerosol TDS
2859R1	125 ml oil can
2859J1	5 l jerrycan
2859U2	200 l drum



OLDUC 1227 SF

MACHINING OF HARD STEELS AND STAINLESS STEELS

Extreme pressure and anti-wear cutting oil for turning, milling, boring, tapping, bar turning and all difficult machining operations on stainless, treated and alloy steels. Thanks to its fluidity, it can be sprayed onto automatic lathes.

■ light brown

Viscosity at 40°C :
25 cSt

2855J1	5 l jerrycan
2855U2	200 l drum

2000 NUCL NF HALOGEN-FREE

858

Cutting oil with excellent extreme pressure and anti-wear properties, free from halogen compounds; quickly dissipates the heat energy generated by machining. Its formulation and viscosity make it suitable for all uses on all materials, more specifically titanium and stainless steel machining in the nuclear and aeronautical industries.



■ yellow

Viscosity at 40°C :
21 cSt

Cl - F - S - Br :
< 200 ppm

PMUC : 19-0527

6858A4	650 ml aerosol TDS
6858i1	500 ml can
6858J1	Jerrican 5 l
6858U2	200 l drum

FTS 10 NU

ODOURLESS AND COLOURLESS

Synthetic colourless and odourless fluid with high anti wear and extreme pressure power. For the tapping and drilling of all metals, prevents the premature wear of cutting tools. To be applied neat, with brush or by spraying.


colourless
odourless

Viscosity at 20°C :
180 cSt

Cl - F - S - Br :
< 200 ppm

PMUC : 19-071

6865i1	500 ml spray bottle
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TA 1800

TAPPING PASTE

886

Cutting paste with excellent extreme pressure and anti-wear properties, easy to apply onto the tools. Does not run. Increases tools life. Its formulation and texture make it suitable for all uses on all materials: a genuinely multi-purpose and efficient product. Exceptional adhesion on taps and drills, even in vertical and upside-down applications.

■ caramel

NLGI Grade : 3

COV : 0%

4 ball EP :

580 kg

3886B6	500 g tin
3886S1	5 kg tub



TAPPING PASTES

METAL WORKING - SOLUBLE OILS



ORACOU 11

GRINDING

Synthetic lubricant solution specifically formulated for precision grinding, guaranteeing excellent internal and external protection of steel, cast iron, ferrous and non-ferrous metal parts, bearing tracks, bushed bearings, chocks etc. Easy to filter, does not foam, even under the most difficult grinding conditions.

ISO L : MAH

880

■ green

Usage dose:
2 to 3%
pH to 3% : 9 to 10

2880J1	5 l jerrycan
2880U1	20 l drum
2880U2	200 l drum

ORACOU 32

NON-FERROUS METALS

Chlorine-free emulsion with a high concentration of unctuous and anti-wear additives, for the machining of non-ferrous metals, copper alloys, titanium, aluminium, copper, mild & semi-hard steel and light alloys. Turning, milling, drilling, tapping.

ISO L : MAD

882

■ light yellow

Usage dose:
4 to 6%
pH to 5% : 9 to 10

288201	20 l drum
2882U2	208 l drum

ORACOU 252

VERSATILE, LONG-TERM USE

Chlorine-free micro-emulsion for milling, turning for sawing ferrous metals and white alloys, suitable for or significant chipping. Product with excellent mechanical and microbial stability, allows for less frequent emptying.

ISO L : MAF

852

■ yellow

Usage dose:
2 to 6%
pH to 5% : 9 to 10

2852i2	1 l container
2852J1	5 l jerrycan
285201	20 l drum
2852U2	200 l drum



ORACOU 892

HALOGEN-FREE

Micro-emulsion for milling, turning and sawing of ferrous metals and white alloys, appropriate for high volume metal chip removal. Product with excellent mechanical and microbial stability, allows for less frequent emptying.

ISO L : MAF

892



■ yellow

Usage dose:
2 to 6%
pH to 5% : 9 to 10
Cl - F - S - Br :
< 200 ppm
PMUC : 19-070

6892J1	5 l can
689205	60 l drum
6892U2	200 l drum



ORACOU 91

FUNGICIDE MAINTENANCE TREATMENT

Bactericidal and fungicidal product with cleaning action for restoring baths damaged by bacterial pollution. Recovers baths which are starting to turn, i.e. characterised by sludge and unpleasant odours. The bath will regain its initial appearance and odour within 24 to 48 hours of the treatment. Curative and preventive treatment.

colourless

Usage dose:
1 to 5%

2854i2	1 kg container
285404	50 kg drum

ANTIMOUS

BUBBLE ELIMINATOR

Additive formulated from stabilised, high-purity copolymers for eliminating foam in water-based solutions. The foam is eliminated within seconds in water-soluble cutting oils, lubricants, scale removers and detergents, in particular when they are vigorously shaken. To be used in small quantity.

■ white

pH : 7,5
Silicone-free

2587i2	1 l container
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TREATMENTS



ASSEMBLE

BOND
SEAL
FIX
REPAIR

1



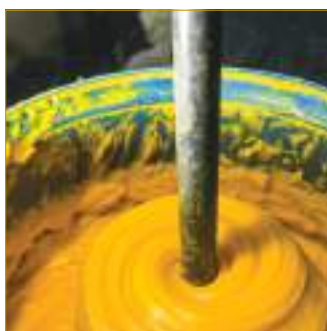
KEEP IN A COLD PLACE TOWARDS BETTER ASSEMBLY

In the imperfect world of mechanical assembly, ORAPI has been developing solutions adapted to problems in all their forms since 1968.

Here we will share some of our knowledge with you to help you make the best possible choices.



FOCUS ON ANAEROBIC RESINS



Anaerobic resins are single-component, single-bond adhesives.

These polymerise at room temperature when not in contact with oxygen and when the adhesive is in contact with metal. Applications are therefore limited to metals but they are numerous.

The benefits of the resins we manufacture are their excellent resistance to chemicals, high temperatures and vibration

THE RATE OF POLYMERISATION DEPENDS ON:

- 1 the gap between the parts
- 2 the application temperature
- 3 the materials

THE USE OF RESINS CAN BE DIVIDED INTO 4 CATEGORIES:

- 1 Screw and bolt locking
- 2 Fastening of cylindrical assemblies: rings and bearings
- 3 Thread sealing of fittings and plugs
- 4 Close mating surface sealing of crankcases, flanges etc.





ORAPI

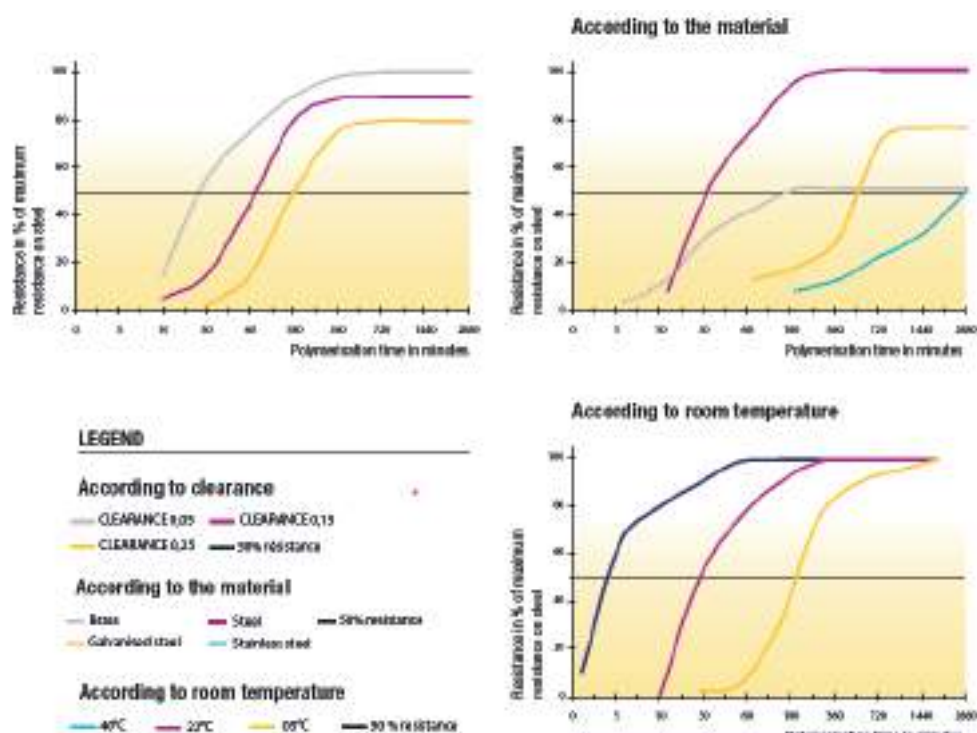
CLEAN & PROTECT TOGETHER

FOR AN ESTIMATE, ADVICE
OR SPECIFIC REQUEST

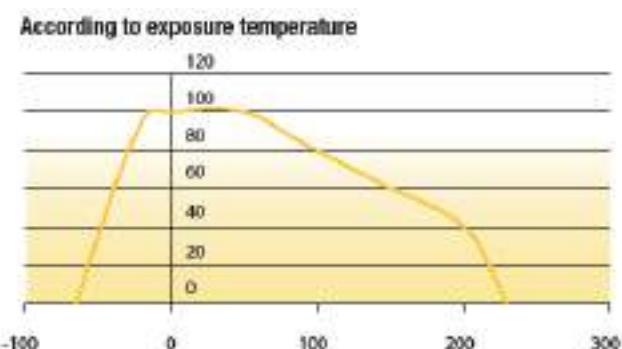
TEL. : 04 74 40 20 25
FAX : 04 74 40 20 26
CONTACT@ORAPI.COM



RATE OF POLYMERISATION OF ANAEROBIC RESINS



MECHANICAL PERFORMANCE IN % OF RESISTANCE AT 25°C





PREPARATION

NETTOYANT 3141

016

PRE-GLUING SOLVENT

Dry degreaser specifically formulated for cleaning prior to gluing. Removes impurities, improves adhesion and setting speed. Quickly and totally removes all greasy particles stuck to material.

liquid

Scent : **strong and distinctive**

4016A4

650 ml aerosol

ACTIVATEUR 3140

015

SPECIAL ANAEROBIC RESINS

Speed up the polymerisation of anaerobic resins, reducing setting time.

Recommended:

- for use on galvanised or painted surfaces, stainless steel and aluminium,
- for large gaps
- when the temperature is below 10°C

NSF



■ copper red liquid



1015M1

100 ml pump spray

THREAD LOCKERS

FREINAGE ULTRA FAIBLE

299

VERY LOW RESISTANCE

For fragile assemblies to be dismantled easily using standard tools to avoid material deformation: bicycle wheel spokes, small screws in computers, watch making, eyewear etc.

■ yellow-orange

very liquid

T° : -60 to +150°C

Setting time/steel: 3 to 25 mn

Breaking strength on M10 steel bolts : < 5 N.m

CD 24 hrs/ M10 steel : < 6 Nm

1299S1

5 kg tub

FREINAGE FORT

300

STRONG RESISTANCE

Thread locking for metallic threads when dismantling is not required for maintenance or that are never to be dismantled.

PMUC



NSF

■ green

viscous liquid

T° : -60 to 150°C

Setting time/steel: 10 to 25 mn

CD 24 hrs/M10 steel: > 25 N.m

PMUC : 16-0048

1300F1 5 ml bottle

1300F9 24 ml bottle

1300F3 50 ml bottle

1300F5 250 ml bottle

6300F3 PMUC 50 ml bottle



FREINAGE FAIBLE

306

MODERATE RESISTANCE

For all threaded pieces which are to be easily dismantled with standard tooling. For all assemblies with limited stress or fragile. Prevents loosening due to small vibration stresses such as those acting on electric motor screws.

NSF

■ purple

viscous liquid

T° : -60 to +150°C

Setting time/steel: 10 to 25 mn

CD 24 hrs/M10 steel: < 13 N.m



1306F3 50 ml bottle

1306F5 250 ml bottle



FREINAGE MOYEN



MEDIUM RESISTANCE

For all threaded parts, to be dismantled if necessary with standard tooling. Excellent against vibration.

303

NSF

■ blue

viscous liquid

T° : -60 to +150°C

Setting time/steel: 10 to 25 mn

CD 24 hrs/ M10 steel : 10 - 20 N.m



1303F1 5 ml bottle

1303F9 24 ml bottle

1303F3 50 ml bottle

1303F5 250 ml bottle

1303i2 1 l container



THREAD LOCKERS

FREINAGE FORT 15 301

STRONG RESISTANCE, LOW VISCOSITY

Permanent fixing of threads and dowels that are not to be dismantled. Fluidity perfect for thin threads and small fastenings.



■ green
liquid
T° : -60 to 150°C
Setting time/steel:
10 to 25 mn
CD 24 hrs/M10
steel: > 25 N.m



1301F3	50 ml bottle
1301F5	250 ml bottle

FREINAGE MOYEN 15 304

MEDIUM RESISTANCE, FLUID THREAD LOCK

For all assemblies to be dismantled easily using standard tools. Fluidity perfect for thin threads and small fastenings.



■ red
liquid
T° : -60 to +150°C
Setting time/steel:
10 to 25 mn
CD 24 hrs/M10
steel: 15 - 20 N.m
PMUC : 16-049

1304F3	50 ml bottle
1304F5	250 ml bottle
6304F3 PMUC	50 ml bottle



FREINAGE FAIBLE 15 307

MODERATE RESISTANCE, LOW VISCOSITY

For all assemblies to be dismantled easily using standard tools and with small gaps, on thin threads and small screws.



■ blue
liquid
T° : -60 to +150°C
Setting time/steel:
10 to 25 mn
CD 24 hrs/
M10 steel: 7 to 13 N.m
PMUC : 16-074

1307F3	50 ml bottle
1307F5	250 ml bottle
6307F3 PMUC	50 ml bottle



PRE-APPLIQUE

LOCKING/SEALING PRODUCT FOR PRE-ASSEMBLY APPLICATION

Pre-assembly thread treatment for locking and sealing threaded parts: the threads are treated in the workshop a few days before use. Dismantling with standard tooling.



458

■ light blue
liquid
T° : -50 to +100°C
Setting time/steel:
immediate
CD 24 hrs/M10
steel: < 8 N.m

1458F6	400 ml bottle
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PENETRATE & RELEASE

CLEAN

USE

LUBRICATE

ASSEMBLE

PROTECT



RING FASTENING FOR BEARINGS

FIXPRESS

310

VERY STRONG AND QUICK FASTENING

Very resistant to radial, axial and dynamic stresses. Helps extend machining tolerances recommended for clearance values of 0.15 to 0.25mm. Can be used as very strong, quick-setting sealant. Recommended for assemblies that cannot be dismantled.



■ green

Handling time:
3 to 5 mn

Shearing strength:

> 25 N/mm²T° : -60 to
+150°C

1310F3	50 ml bottle
1310F5	250 ml bottle
1310S1	5 kg container

FIXMETAL

312

REPAIRS DEFORMED PARTS

Paste product advised for repairing, without machining, used cylinder-shaped pieces with high and even irregular gap (0.25 to 0.5mm). Resists to impacts and vibrations. For bearings' housing gone oval, repairing of shafts with wear or scratches. Always used with ACTIVATEUR 3140.

■ grey

Handling time:
20 to 45 mnShearing strength:
> 20 N/mm²T° : -60 to
+150°C

1312T2	50 g tube
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BLOCK BAGUE

314

REPAIRS DEFORMED PARTS

Paste product advised for repairing, without machining, used cylinder-shaped pieces with high and even irregular gap (0.25 to 0.5mm). Resists to impacts and vibrations. For bearings' housing gone oval, repairing of shafts with wear or scratches. Always used with ACTIVATEUR 3140.



■ green

Handling time:
10 to 25 mn
on steelT° : -60 to
+150°CShearing strength:
> 20 N/mm²

PMUC : 16-050

1314F3	50 ml bottle
1314F5	250 ml bottle
6314F3 PMUC	50 ml bottle



BLOCK BAGUE 60

313

STRONG FASTENING - MEDIUM GAP

Strong resistance for radial, axial and dynamic stresses. Recommended for gaps from 0.15 to 0.25 mm, on assemblies that cannot be dismantled: fastening of drive shafts, pinions, pulleys etc.



■ green

Handling time:
10 to 25 mn
on steelT° : -60 to
+150°CShearing strength:
> 20 N/mm²

1313F3	50 ml bottle
1313F5	250 ml bottle

BLOCK OIL TOLERANT 316

STRONG RESISTANCE, WITHSTANDS OIL

For application on pieces where degreasing cannot be perfect. Advised for gaps < 0.15mm. Fastening of rings, inserts, pulleys, bearings, cylinder liners etc. with high shearing strength.



■ green

Handling time:
10 to 30 mn
on steelT° : -60 to
+150°CShearing strength:
> 25 N/mm²

1316F3	50 ml bottle
1316F5	250 ml bottle

RING FASTENING FOR BEARINGS



BLOCK ROULEMENT 60 317

MEDIUM RESISTANCE - MEDIUM GAP

Fastening of parts to be subsequently dismantled using standard tools in the event of wear. Fitting reinforcement for gaps between 0.05 and 0.15mm. Increases assemblies' reliability. Fastening of bearings onto shafts or housings, liners, inserts, rings, pulleys etc.

■ red
Handling time:
10 to 25 mn
on steel
T° : -60 to
+150°C
Shearing strength:
> 15 N/mm²



1317F3	50 ml bottle
1317F5	250 ml bottle

BLOCK ROULEMENT 318

MEDIUM RESISTANCE - GAP < 0.05MM

Affixing parts which need to be dismantled with standard tools in case of wear. Fittings reinforcement. Increase assemblies reliability.



■ red
Handling time:
10 to 25 mn
on steel
T° : -60 to
+150°C
Shearing strength:
> 15 N/mm² (24h)
PMUC : 16-051

1318F3	50 ml bottle
6318F3 PMUC	50 ml bottle

PORAJOINT

333

SEMI FLEXIBLE FLAT SEALANT

Sealing gel with high adhesive power for all flanges, including vertical flanges. Replaces conventional seals with complex shapes: pump housings, motors, gear boxes etc. Also recommended for threaded metal seals with «medium resistance» when dismantling.

■ red
T° : -60 to
+150°C
Shearing strength:
> 8 N/mm²
Setting time at
20°C:
10 to 25 mn
PMUC : 16-0072



1333E4	25 ml syringe
1333T2	50 ml tube
1333T4	200 g tube
1333C3	300 g cartridge
6333T2 PMUC	50 g tube

ORAJOINT

324

FLAT SEALING

Sealing of machined close mating surfaces. Withstands vibrations, industrial fluids, oils and gases. Recommended for complicated close mating surfaces: pump housings, motors, gearboxes etc. Also recommended for threaded metal seals with «medium resistance» when dismantling.



■ red
Handling time:
5 to 25 mn
T° : -60 to
+180°C
Shearing strength:
> 15 N/mm²
PMUC : 16-075

1324T2	50 ml tube
6324T2 PMUC	50 g tube





FLAT SEALING

TUBELOCK C

367

PIPES AND NOZZLES

Sealing of threaded metal tubes and fittings up to 3 inches, for a speedy restart and medium resistance when dismantling. Low pressure sealing within minutes. Resistant to most chemical products. Quick setting on steel and brass. For stainless steel fittings, ACTIVATEUR 3140 should be used.



■ yellow-orange

Handling time:
2 to 10 min
on steel

T° : -60 to
+150°C

Breaking strength:
10 - 20 N.m

1367F7	50 ml squeeze bottle
1367T2	50 ml tube
1367T4	200 ml tube



TUBELOCK EXTRA



077

SEALING OF FITTINGS AND PLUGS

Multi-purpose, single-component anaerobic adhesive for sealing metallic threaded caps, pipes and connections. Effective on all types of metal at low and high pressure. Sealant for hot and cold water, solvents, oils, refrigeration, petrol, compressed air and gas. Heaters, toilets, air conditioning, hydraulic and pneumatic mechanisms, vehicles, etc.

NSF



■ yellow-orange

Thixotropic putty
Continuous
operating T°:

-60 to +150°C

Resistance :
10 to 20 N.m

Setting time at
20°C: < 5 min
copper and copper
alloys.

2 to 10 min
on steel.

< 30 min on inox.



1077F7	50 ml squeeze bottle
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TUBELOCK TEFLON®

334

EASY DISMANTLING

Paste for pipes and fittings up to 3 inches. Teflon® adds a lubricating effect which facilitates assembly and dismantling, notably in places that are difficult to access.



■ blue

paste

Handling time:
5 to 20 mn
on steel

T° : -60 to
+150°C

Breaking strength:
1 to 8 N.m

1334T2	50 ml tube
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TUBELOCK A

323

COARSE THREADS

Paste for the sealing of pipes and hydraulic connections with big diameter, with medium resistance. Possible dismantling with standard tooling without damaging threads. Replaces pastes and tapes on all pipes, fittings etc. in plumbing, heating, mechanical applications.

■ red

paste

Handling time:
3 to 15 mn

T° : -60 to +
150°C

Breaking strength:
5 - 15 N.m

1323F7	50 ml squeeze bottle
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FLAT SEALING

HYDRAULOCK

329

HYDRAULIC/PNEUMATIC

Low resistant sealing gasket for pneumatic and hydraulic thread connections up to 1/2 inch. Withstands shocks, vibrations, most gases and fluids, hot/cold water etc. Easy dismantling using standard tools. Replaces pastes, hemp and tapes on all pipes, fittings etc. in plumbing, heating, mechanical applications.

■ brown

Handling time: **5 to 10 mn on steel**

T° : **-60 to +150°C**

Breaking strength: **5 to 10 Nm**



1329F3	50 ml bottle
1329F5	250 ml bottle

HYDRAUBLOCK

326

SMALL DIAMETER FITTINGS

Sealing of threaded metal fittings and tubes up to 1 inch, with medium resistance when dismantling. Withstands shocks, vibrations, most gases and fluids, hot/cold water etc. Easy dismantling using standard tools. Replaces pastes and tapes on all pipes, fittings etc. in plumbing, heating, mechanical applications.

■ red

Handling time: **10 to 25 mn**

T° : **-60 to +150°C**

Breaking strength: **10 to 20 N.m**



1326F3	50 ml bottle
1326F5	250 ml bottle

ETANCHELOCK

322

SEALING BY INFILTRATION

Very fluid adhesive using capillary attraction to penetrate threads, cylindrical parts and metal pores. Gap: 0.1 mm max. For locking, ring and bearing fastening or post-mounting sealing operations in applications where pre-assembly adhesive application is impossible.

■ green

very fluid

Handling time: **10 to 30 mn**

T° : **-60 to +150°C**

Breaking strength: **> 20 N.m**



1322F3	50 ml bottle
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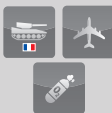


JOINT LIQUID

331

PTFE-BASED PIPES

PTFE-based seal for metal fittings, hydraulic, pneumatic and heating pipes up to 3 inches where medium dismantling resistance is required. PTFE brings an excellent chemical stability. Facilitates assembly and dismantling.



■ white

Handling time: **20 to 40 mn**

T° : **-60 to 180°C**

Breaking strength: **5 to 13 N.m**



1331T2	50 ml tube
1331T4	200 ml tube

PORALOCK

328

THREAD SEALING, HIGH RESISTANCE

Liquid sealing compound for metal, hydraulic or pneumatic fittings and threaded fittings subjected to severe vibration. Unaffected by hydraulic and synthetic fluids, most industrial fluids and gases, hot and cold water etc. Replaces pastes, hemp, tapes. (Up to 1 inch)



■ green

viscous liquid

T° : **-60 to +150°C**

Shearing strength: **> 15 N/mm²**

M10 steel
rekease: **> 25 N.m**

Setting time at
20°C: **10 to 25 min**
PMUC : **16-071**



6328F3	50 ml bottle
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PENETRATE & RELEASE

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USE

LUBRICATE



ASSEMBLE

PROTECT



ORAPI

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FOR AN ESTIMATE, ADVICE
OR SPECIFIC REQUEST

TEL. : 04 74 40 20 25

FAX : 04 74 40 20 26

CONTACT@ORAPI.COM

FOCUS ON STRUCTURAL BONDING

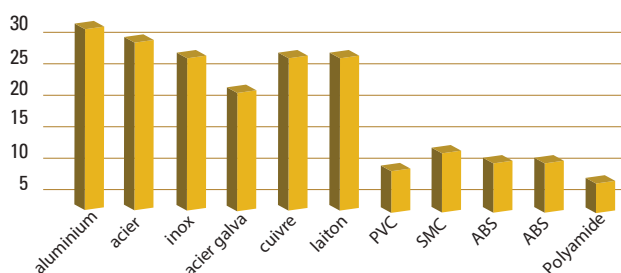
Gluing is a wide-ranging subject as the shape of parts, the nature of the surfaces, size, mechanical and thermal stresses vary depending on the customer.

Our engineers look at a wide range of specific situations every day; in the following pages, we will help you find the right solution for your needs. All our adhesives are tested on different traction and shearing devices to accurately identify the performance which can be expected of them.

Not only can we help with the choice of adhesive, but we can also provide you with adhesives for manual use for minor or occasional operations, as well as adhesives designed for industrial use, complete with glue applicator by way of example..

Average shearing strength in N.mm²

48 hour cure at 25°C



Exemple : 201-OREPOX 30

1 A range of DUAL-COMPONENT epoxy, polyurethane and acrylic adhesives.

These adhesives are comprised of a resin component and a hardener component, and begin to polymerise as soon as they are mixed together. The adhesive can be used to fabricate parts or replace materials.

Primary applications include:

- Gluing part with large or irregular gaps.
- Sealing and repairing holes, cracks and repairing/gluing parts with pieces missing.

2 A range of FLEXIBLE ADHESIVE MASTICS: odourless acetic silicones, PU and MS+

These single-component adhesives polymerise at room temperature thanks to the moisture in the air, which is why the adhesive must be left in the open air before assembly.

Primary applications include:

- Flexible gluing and sealing, soundproofing.
- Often recommended for assemblies subjected to vibrations or when the assembled materials have different expansion coefficients.

ASSEMBLE

BOND
SEAL
FIX
REPAIR

2



WE HELP YOU CHOOSE:

Thank you for choosing ORAPI adhesives; the table below will help you select the adhesive best suited to your application.

This choice does not take into account the usage conditions, temperature and other criteria which must be submitted to our technicians who are there to help you all year round.

STRUCTURAL BONDING PRODUCTS

WOOD	400 125 352									
STEEL	373 390	310 373 390								
COPPER	373 125	355 310	202 310							
GLASS	373 390	390	355	125 100 355						
P.V.C	355	355	355	125	355					
RUBBER (NITRILE)	355	355	390	125	355	355				
PLASTIC*	355 390	125 390	125 390	125	355	355	355			
ALUMINIUM	390	125 390	202 390	355	390	202 390	355	390 125		
STAINLESS STEEL	390 125	390	390	390	373	390	390	390	390	
PAPER CARDBOARD	400 aerosol	400 aerosol	•	400 aerosol	400 aerosol	400 aerosol	400 aerosol	400 aerosol	400 aerosol	400 aerosol
	WOOD	STEEL	COPPER	GLASS	P.V.C	RUBBER (NITRILE)	PLASTIC*	ALUMINIUM	STAINLESS STEEL	PAPER CARDBOARD



ASSEMBLE

*Except PE, PP and silicone



COLLES STRUCTURALES

OREPOX 30

201

30 MIN SETTING EPOXY

Repair and rigid adhesion of most materials: ceramic, wood, cement, metal etc. Sticking of pieces with poor calibration with important or variable gap. Setting time allows user to set up the pieces.

*Must be used with a gun. Ref: 700000



■ yellow
Mixture ratio: 1/1
T° : -40 to +100°C
Shelf life of mixture: > 45 mn
Shearing strength: 15 MPa



1201E3 50 ml syringe*
700083 Syringe cannula

OREPOX 5



FAST-ACTING EPOXY, SETS IN 5 MIN

Epoxy resin with quick setting. Repair and rigid adhesion of most materials: ceramic, wood, cement, metal etc. Rapid gluing of poorly aligned or unaligned parts with large or variable gaps.

*Must be used with a gun. Ref. 700000

202

colourless
Mixture ratio: 1/1
T° : -40 to +100°C
Shelf life of mixture: 4 to 5 mn
Shearing strength: 15 MPa

1202E1 28 g syringe
700083 28 g syringe cannula (in option)
1202E3 50 ml syringe
700001 50 ml syringe cannula
1202K7 1 kg Kit



ADHERLOCK 73

390

REACTIVE CONTACT ADHESIVE

Non-mix dual-component acrylic adhesive. Bonding of all metals with exceptional performance. Also glues wood, glass, ceramics, plastic etc. Easy to handle, rapid and very effective.



■ pale yellow
T° : -60 to +150°C
Setting time 5 mn



1390K1 80 g (70+10)
1390K4 1,1 kg (1+0,1)

ACTIVATEUR A

395

ACTIVATOR FOR ADHESIVE 390

Although this product is included with adhesive 390, it is also available separately so that customers who may have used too much activator, for instance on porous surfaces, can restock.

■ pale yellow

1395F5 250 ml bottle

ORALOC HDI

391

HIGH-PERFORMANCE CONTACT ADHESIVE

Acrylic bi-component with quick setting. Wood, metal, ceramics, plastic etc. Excellent resistance to shocks and vibrations. Facilitates the gluing of badly damaged parts. Remains very stable over time.

■ dark brown
T° : -40 to +120°C
Setting time 10 mn



1391E3 50 ml syringe

REPAIR EPOXY



ORAMETAL A

210

EPOXY PASTE CONTAINING STEEL

Liquid epoxy used for the construction of moulds and templates, filling of micro-pores, general repairs and, more specifically, crack repairs.

■ dark grey

Proportion : 1/1 syringe 10/1 kit

T° : -35 to +120°C

Shelf life of mixture:

1h pour 500 g

< 10 min pour 28 g

Machinable : 16h

1210E1 28 g syringe

1210K2 500 g (455+46)



ORAMETAL F

212

EPOXY PASTE CONTAINING ALUMINIUM

To be applied like putty for defects and cracks reparation on moulded or machined alloy pieces. Aluminium charge is light and corrosion resistant. After polishing, the surface has a shade very similar to aluminium colour.

■ aluminium

Proportion : 1/1 syringe 5/1 kit

T° : -35 to +120°C

Shelf life of mixture: 1h

1212E1 28 g syringe



ORAMETAL POCKET 221

PRE-MEASURED LOADED MASTIC STEEL

Repair of all supports (wood and metal). Pre-measured, it is very easy to use and avoids any waste. Repairs moulds, leaky pipes, broken tools, etc. Does not rust and can be used under water. Can be pierced, threaded, and painted after polymerisation.

■ dark grey after mixing

T° : -50 to +120°C

Shelf life of mixture:

approx. 4 mn

Machinable : 30 mn to 1h

Résistance maxi : in 24h

1221D3 57 g stick

1221D1 115 g stick



PENETRATE & RELEASE

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ASSEMBLE

PROTECT

ACETIC SILICONES

LUBRISEAL RTV ACETIQUE 100

TRANSPARENT ADHESIVE MASTIC

Flexible bonding and sealing. Metal, glass and ceramic parts, expansion joints, wire insulation, etc. Soundproofing, insulation and mechanical applications.



transparent

T° : -65 to +250°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 25 - 33

1100C3 310 ml cartridge

6100T3 PMUC 100 g tube

6100C3 PMUC 310 ml cartridge



LUBRISEAL RTV ACETIQUE 101

WHITE ADHESIVE MASTIC

Flexible bonding and sealing. Metal parts, glass, ceramic, expansion joints, wire coating etc. Insulation of electrical wires and appliances. Soundproofing, insulation and mechanical applications.



white

T° : -65 to +250°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 15-25

1101C3 310 ml cartridge



JOINT BLUE AUTO 102

UNIVERSAL BLUE ADHESIVE MASTIC

Replaces cut gaskets on housings, manifolds, doors, covers, etc. even damaged. Adheres to all materials. Resistant to oil, gas, antifreeze, etc. Does not drip. Ideal product for mechanics and industrial maintenance services.

blue

T° : -65 to +250°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 15-25

1102T3 100 g tube

1102C3 310 ml cartridge



LUBRISEAL RTV ACETIQUE 103

HIGH-TEMPERATURE ADHESIVE MASTIC

Flexible bonding and sealing product for use in maintenance, flues and chimneys, glass works (heating appliances, domestic appliances, industrial furnaces). Remains flexible and stable up to +310°C. Does not drip.

red

T° : -65 to +310°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 35-45

1103T3 100 g tube

1103C3 310 ml cartridge



LUBRISEAL RTV ACETIQUE 104

BLACK MULTI-PURPOSE ADHESIVE MASTIC

To be used without gun. Black adhesive mastic for sealing crankcases, manifolds, doors, covers etc. Easy to use thanks to its pressurised canister. Light pressure on the nozzle provides a steady stream of sealant.

black

T° : -60 to +240°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 15-25

1104A7 200 ml pressurised canister



JOINT METAL 145

GREY ADHESIVE MASTIC, SPECIFICALLY DESIGNED FOR USE IN THE PRESENCE OF OIL

Flexible sealant resistant to oils. Replaces pre-cut seals on crankcases, manifolds, doors, covers etc. for water, oil and solvent proofing. High mechanical resistance to corrosive fluids. Does not run, can be used also on crankcases with planarity defects.

grey

T° : -65 to +250°C

Film formation : 10 mn

Complete drying: 24h

Shore A hardness: 20-30

1145T3 100 g tube



PRIMAIRE 4004 020

SPECIAL ADHESIVE MASTIC

Improves bonding adhesion and increases bonding reliability. Suitable for adhesive mastics on surfaces with low surface energy: concrete, steel, wood etc. Easy to use: apply the adhesive onto the dry primer.

colourless to pale yellow liquid

1020F6 500 ml bottle

ODOURLESS SILICONES

LUBRISEAL RTV INODORE 110

TRANSPARENT BONDING AND SEALING

Adhesive and sealant for metal parts, glass, ceramics, dilation seals, cables coating, cables and electrical device insulation. Soundproofing, insulation.

transparent

T° : -50 to +150°C

Film formation : 15 to 20 mn

Complete drying: 24h

Shore A hardness: 15-25



1110C3 310 ml cartridge

LUBRISEAL RTV INODORE 111

WHITE SEALING AND BONDING PRODUCT

Flexible self-adhesive product usable on all surfaces: wood, aluminium, glass etc. Does not corrode metal surfaces. Excellent resistance to moisture and oil. Sealing of sanitary facilities.

■ white

T° : -50 to +150°C

Film formation : 15 to 20 mn

Complete drying: 24h

Shore A hardness: 15-25

1111C3 310 ml cartridge

OTHER ELASTOMERS



ORABOND 2K 129

OFF WHITE SEALING AND BONDING PRODUCT

Flexible, bi-component quick-setting putty glue formulated for bonding and sealing on all materials. This new generation hybrid polymer glue is odourless and has higher tensile, tearing and shear strength than silicones and polyurethanes.

■ Off white

T° : -40 to +90°C

Shore A hardness: 40-50

1129C6 250 ml cartridge

700093 Cannula

ORABOND WHITE

VERY HIGH PERFORMANCE PRODUCT

Bonds, assembles and seals everything. New generation elastic putty sealant. Excellent adhesion to stainless steel, aluminium, wood, zinc, lacquer, stone, glass wool, chipboard, etc. Can be applied onto humid surfaces and surfaces completely immersed under water. Can be painted. Odourless. Does not drip. Ideal for replacing stainless steel/stainless steel welds. Very high tackiness.



125



■ white

T° : -40 to +150°C

Shore A hardness: 45-60

Consumption : 1 cartridge = 1,5 m² ou 15 m



1125C6 290 ml cartridge

ORABOND

HIGH-PERFORMANCE

Bonds, assembles and seals everything. New-generation elastic adhesive mastic. Excellent adhesion to stainless steel, aluminium, wood, zinc, lacquer, stone, glass wool, chipboard, etc. Can be applied onto wet and fully immersed surfaces. Can be painted over. Odourless. Does not drip. Ideal for sealing/bonding the plastic cases of industrial remote controls.

■ black

T° : -40 to +100°C

Shore A hardness: 40-60

1126C6 290 ml cartridge

ORABOND CRISTAL 128

PERFECT TRANSPARENCY

Bonds, assembles and seals everything. New generation elastic putty sealant. Excellent adhesion to stainless steel, aluminium, wood, zinc, lacquer, stone, glass, PMMA etc. Can be applied onto wet and fully immersed surfaces. Can be painted over. Odourless. Does not drip. Ideal for bonding transparent glass and plastic.

transparent

T° : -40 to +100°C

Shore A hardness: 30-40



1128C6 290 ml cartridge

SEAL PU

MULTI-MATERIALS

Single-component polyurethane elastomer adhesive for general use. Polymerises at room temperature. Used for the bonding (and sealing) a wide range of materials including wood, glass, plastic, cement etc. It is particularly well suited to applications where good seal flexibility is required.

■ grey

T° : -20 to +80°C

Shore A hardness: 35-45

1120C3 310 ml cartridge



SEALING

SEALFLON LIQUID

341

LIQUID TEFLON® TAPE

Aqueous fluid containing PTFE. Seals threads and flat gaskets. Let it dry before mounting (can be stoved). After drying, leaves a flexible film allowing an easy dismantling and to be mounted again later. Prevents excess thickness. Protect threads against seizing.

■ white
T° : -50 to +250°C
gap : 0,15 mm
maxi
COV : 0%



1341B4	250 ml tin with brush
1341S1	5 l tub

SEALFLON

340

PTFE PASTE TAPE

Aqueous paste sealing compound containing PTFE, that creates a flexible seal easy to dismantle. Resists vibrations and chemicals. Seals threads and flat gaskets. Prevents excess thickness. Instantly seals PVC pipes. Let it dry before mounting.

■ white
T° : -50 to +250°C
gap : 0,3 mm
maxi
COV : 0%



1340T3	100 g tube
134002	20 kg drum

SPECIAL BONDING

THERMIQUE PMUC

418

HIGH-TEMPERATURE PUTTY GLUE

Silicone-free putty glue. Jointing, bonding and sealing, specifically formulated to withstand very high temperatures. Asbestos-free. Hardens completely, to the very centre. Do not use in contact with water. For cracks or holes filling-in, over metal, stones or concrete... Stoves, boilers, furnaces, open fireplaces, probes, car exhaust pipe fittings.

■ Anthracite grey
thick paste
T° : -40 to +1200°C
Thickness : 5 to 15 mm
Shore A hardness: 70 to 90
PMUC : 17-0385



1418C3	310 ml cartridge
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COLLE REPOSITIONNABLE

477

POST-IT TYPE GLUE IN AEROSOL

Immediate adhesion. Posters or labels can be repositioned easily up to several weeks after gluing. For gluing light materials: photos, films, cork, foam board, decorations.

■ beige
Setting time: immediate
Consumption : 1 aerosol = 7 m²

4477A4	650 ml aerosol
--------	----------------

NEOPRENE

400

MULTI-PURPOSE CONTACT ADHESIVE

Instant setting on rubber, leather, fabric, cork, metals, laminates. Flexible, high efficiency. Very high resistance to pull out, excellent resistance to moisture. Applied to both surfaces (150 ml/m² per side).

■ beige
Setting time : 5 to 15 mn
Max T° : +90°C
Setting time : 15 kg/cm²
Cl - F - S - Br : < 200 ppm
PMUC : 17-0386



4400A4	650 ml aerosol
1400T3	100 ml tube
1400B7	1 l tin

ORASEAL 4000

NEW

FLEXIBLE ADHESIVE

Adhesive sealant with air and water between metallic and plastics parts : Cladding stonework, facades, metal bracings. Car body. Elements of cold rooms. Corrosion inhibitor. Horizontal leak and bonding in the car industry. Stick on glass, cement, aluminium, steel, ...

347

Shore A hardness: 20-25
Dry extract: 85%
Breaking elongation: > 250 %

1347C6	600 ml cartridge	x600
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MOUSSE PU

474

INSULATING FIRE-RETARDANT FOAM

80% closed cell expanding foam for thermal and acoustic insulation and caulking. Gas, smoke, flame and water tight. Doors mounting, windows and other articles designed to slow down fire propagation, including in high schools, local authorities and hospitals. Must be applied onto wet surfaces.

■ grey
very sticky foam
T° : -60 to +100 °C
Fire resistance: 120 mn
Coverage : 20 to 35 litres/ aerosol

4474A6	1000 ml aerosol
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ADHERENT COURROIES

953

STOPS DRIVE BELTS FROM SLIPPING

Triples belt adherence for rubber, leather, canvas, or composite. Prevents belts from hardening while eliminating power loss. Treated belts wear more slowly and transmit power more effectively. Helps position pre-cut gaskets onto crankcases. For treating conveyor belts to provide better grip.

■ yellow
liquid
Max T° : +80°C

4953A4	650 ml aerosol
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PENETRATE & RELEASE

CLEAN

USE

LUBRICATE

ASSEMBLE

PROTECT

GLUES

3



In the rapid bonding field, ORAPI has developed solutions suitable for all applications: from ultra fluid and rapid glues to thick gels for porous materials or vertical applications. To respond to our customers' specific requests, we have also developed tinted glues and glues with additives to increase flexibility.

Cyanoacrylates are single-component glues which polymerise at room temperature when the adhesive is in contact with both surfaces.

The moisture in the air neutralises the stabilising agent and triggers the polymerisation process.

These glues should be used when there is no gap between the surfaces..

ADVANTAGES :

- A small drop is all that is required and the glue can be applied with ease.
- Glues practically everything in seconds.
- Excellent shearing and tensile strength.

STORE IN A COOL PLACE

Shelf life: 10 to 12 months

ACTIVATORS/PRIMERS

ACTIVATEUR 6140

025

SPECIFICALLY FOR GLUES

Decreases setting time significantly for glues and enables polymerisation outside of gluing area. Apply ACTIVATEUR 6140 on one of the surfaces and the glue on the other surface or directly on the glue to activate polymerisation.

colourless liquid

Evaporates : quickly

4025A1 210 ml aerosol
1025i2 1 l container



PRIMAIRE 3450

021

SPECIFICALLY FOR GLUES - MULTI-PURPOSE

Improve the adhesion of glues on all difficult to tape materials, except silicone. Apply PRIMAIRE 3450 onto both surfaces and allow it to evaporate (1 to 2 min), then apply the glue.

■ yellow-orange liquid

1021F2 20 ml bottle



DECOLLEUR 3720

408

GLUE CLEANING AND REMOVAL

Cleaning solvent for glue applicators and work tables with glue on them. Separation of glued assemblies. Works by soaking. Liquid to be used in a well ventilated area.



transparent liquid

Cl - F - S - Br :
< 200 ppm
PMUC : 16-054

6408F2 PMUC 20 g bottle
1408i2 1 l container



STORE IN A COOL PLACE
Shelf life: 10 to 12 months in a cool place.

GLUES

C 2000

UNIVERSAL

Very rapid bonding cyanoacrylate glue for all materials. Excellent for gluing wood, leather, fabric, ceramics, plastic, glass, rubber etc. Mechanical devices, electronics, optics, jewellery, watch making, toys, plastics processing, domestic appliances, knick-knacks, tableware. All materials except Teflon, polyethylene and derivatives.

1354F1	5 g bottle
1354F2	20 g bottle
1354F3	50 g bottle



354



colourless
T° : -55 to +80°C
Viscosity :
80 - 120 cP
Setting time
5 to 60 seconds
Shearing strength:
> 25 MPa

C 3000

MULTI-PURPOSE

Ultra quick-setting glue thanks to a specific and unique catalyst, suitable for all materials. Strong resistance on wood, plastic, leather, PVC, ceramics and metals. Ideal for surfaces that are difficult to glue.

1373F1	5 g bottle (blibox)
1373F2	20 g bottle
1373F3	50 g bottle
1373F6	500 g bottle



colourless
T° : -60 to +100°C
Viscosity :
80-120 cP
Setting time
5 to 40 s
Shearing strength:
27,5 MPa



SUPER GEL

VERY THICK GEL

Glue as a very thick gel for all usage requiring a viscous products. For vertical or down under sticking or with porous materials. For all materials, does not run.

1352C3	300 g cartridge
1352T7	20 g tube



colourless
Viscosity :
gel
Setting time
5 to 60 s
Shearing strength:
27,5 MPa

C 2040

ELASTOMER

Quick-setting adhesive for bonding rubber joints, plastic, glass and O-rings.

1355F1	5 g bottle
1355F2	20 g bottle
1355F3	50 g bottle
1355F6	500 g bottle



355



colourless
T° : -50 to +80 °C
Viscosity :
20-40 cP
Setting time
5 to 60 s
Shearing strength:
27,5 MPa

C 2000/5

VERY FLUID AND ULTRA QUICK

Quickest glue for all materials. Very liquid adhesive for gluing by infiltration and capillarity on very smooth surfaces and small gaps. Ideal for automatic gluing systems with repeating application and high work pace.

1359F2	20 g bottle
1359F6	500 g bottle



colourless
T° : -60 to +100°C
Viscosity :
3-10 cP
Setting time
very quick
Shearing strength:
27,5 MPa



PENETRATE & RELEASE

CLEAN

USE

LUBRICATE

ASSEMBLE

PROTECT



STORE IN A COOL PLACE

Shelf life: 10 to 12 months in a cool place.

GLUES

GEL CYANO

351

THIXOTROPIC GEL

Glue with quick setting for vertical or down under sticking or with porous material like wood. Sticks on most materials: aluminium, ABS, PVC, metals, wood...

colourless

T° : -50 to +80°C

Viscosity :
fluid gelSetting time
10 to 60 sShearing strength:
10 to 30 MPa

1351F2	20 g bottle
1351F3	50 g bottle
1351F6	500 g bottle



C 2000 CMM

353

GEL FOR METALS

Sticking of porous metals or for vertical or down under mounting. Adheres to most metals and materials that are difficult to bond with a standard gel.

colourless

T° : -50 to +80°C

Viscosity :
1000 - 2000 cPSetting time
10 to 60 sShearing strength:
10 to 30 MPa

1353F2	20 g bottle
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C 3600

356

DIFFICULT RUBBER

Ultra quick-setting adhesive for the bonding of PVC, rubber joints etc. Bonding of polyolefins after surface preparation with 022.

colourless

T° : -50 to +80°C

Viscosity :
20 - 40 cPSetting time
2 to 30 sShearing strength:
26,3 MPa

1356F2	20 g bottle
1356F6	500 g bottle



HALOGEN-FREE



C 5000/14

385

MULTI-PURPOSE

Fluid glue with ultra rapid setting thanks to a special catalyst. Multi-purpose: glass, plastic, metals, wood etc. Chlorine-free, sulphur-free, fluorine-free, bromine-free.



colourless

T° : -50 to +80°C

Viscosity :
80-120 cPSetting time
5 to 40 sShearing strength:
27,5 MPa

PMUC : 16-053

6385F1	5 g bottle
6385F2	20 g bottle



C 5040

386

ELASTOMERS AND PLASTICS

Quick-setting chlorine-free, sulphur-free, fluorinefree and bromine-free adhesive for bonding rubber joints, plastic, glass and O-rings. Good resistance to humidity. Bonding of silicone joints after surface preparation with 021.



colourless

T° : -50 to +80°C

Viscosity :
20 - 40 cPShearing strength:
> 25 MPa

PMUC : 16-052

6386F1	5 g bottle
6386F2	20 g bottle



C 5000 CM

384

MULTI-PURPOSE GEL

Quick-setting chlorine-free, sulphur-free, fluorinefree, bromine-free gel for the vertical or inverted bonding of porous materials such as wood. Sticks on most materials: aluminium, ABS, PVC, metals, wood...



colourless

T° : -50 to +80°C

Viscosity :
1000 - 2000 cPSetting time
20 to 90 sShearing strength:
10 to 30 MPa

PMUC : 16-047

6384F2	20 g bottle
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STORE IN A COOL PLACE

Shelf life: 10 to 12 months in a cool place.

WHITEHE S

377

WHITE, UNIVERSAL

White and universal adhesive with quick setting and strong mechanical resistance. Flexible bonding of materials subject to shocks and vibrations. Ideal for mounting and repairing of white materials and to localise glued pieces thanks to the colour. Used in the cosmetic and skiing industries.

■ white

T° : -50 to +80°C

Viscosity : 800-1500 cP

Setting time 10 to 60 s

Setting time 10 to 60 s

Shearing strength: 15 to 30 MPa

1377F2 20 g bottle

C 3000 DF

378

BLACK, UNIVERSAL

Black and universal adhesive with quick setting and strong mechanical resistance. Flexible bonding of materials subject to shocks and vibrations. Ideal for the bonding and repair of black materials and for locating bonded parts thanks to its colour.

■ black

T° : -50 to +80°C

Viscosity : 200-250 cP

Setting time 10 to 140 s

Setting time 10 to 140 s

Shearing strength: 15 to 30 MPa

1378F2 20 g bottle

1378F6 500 g bottle



C 3000 AF

371

BLACK GEL, SHOCK RESISTANT

Quick setting adhesive for vertical or down under gluing, porous materials, when assembly is exposed to shocks, flexible mounting. Its black colour makes it easy to see.

■ black

T° : -50 to +80°C

Viscosity : 1000 cP

Setting time 20 to 60 s

Setting time 20 to 60 s

Setting time 20 to 60 s

Setting time 20 to 60 s

Setting time 20 to 60 s

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Setting time 20 to 60 s

1371F2 20 g bottle

1371F6 500 g bottle



C 3000 HU

363

FLUID, BLACK AND FLEXIBLE

Universal adhesive with quick setting. For bonding surfaces that are subject to shocks and vibrations. Designed for bonding and repairing black materials. High-strength bonding, ideal for the automotive industry for seals, hoses etc.

■ black

T° : -50 to +80°C

Viscosity : 20 - 40 cPs

Setting time 5 to 30 s

Setting time 5 to 30 s

Setting time 5 to 30 s

Setting time 5 to 30 s

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Setting time 5 to 30 s

Setting time 5 to 30 s

Setting time 5 to 30 s

Setting time 5 to 30 s

1363F6 500 g bottle



PENETRATE & RELEASE

CLEAN

USE

LUBRICATE



ASSEMBLE

PROTECT



ORAPI

CLEAN & PROTECT TOGETHER

FOR AN ESTIMATE, ADVICE
OR SPECIFIC REQUEST

TÉL. : 04 74 40 20 25

FAX : 04 74 40 20 26

CONTACT@ORAPI.COM



THOROUGH PROTECTION

Your work, your tools, your machines and your personnel are valuable; this is why ORAPI constantly endeavours to improve its products to provide protection against corrosion, scratches, splattering and accidents.

OUR PROTECTION RANGE VOC CONTENTERS

5 DOMAINS

1

ANTI-CORROSIVE
PAINT

All our paints have been designed to provide the best possible VOC content, optimised SAFETY and include carefully selected fillers so as to guarantee the highest salt spray resistance on the market.



2

PROTECTION
AGAINST
LEAKS
AND CRACKS

As all gas leaks can be dangerous and costly, we offer products designed to detect leaks and cracks.

3

WELDING
PROTECTION

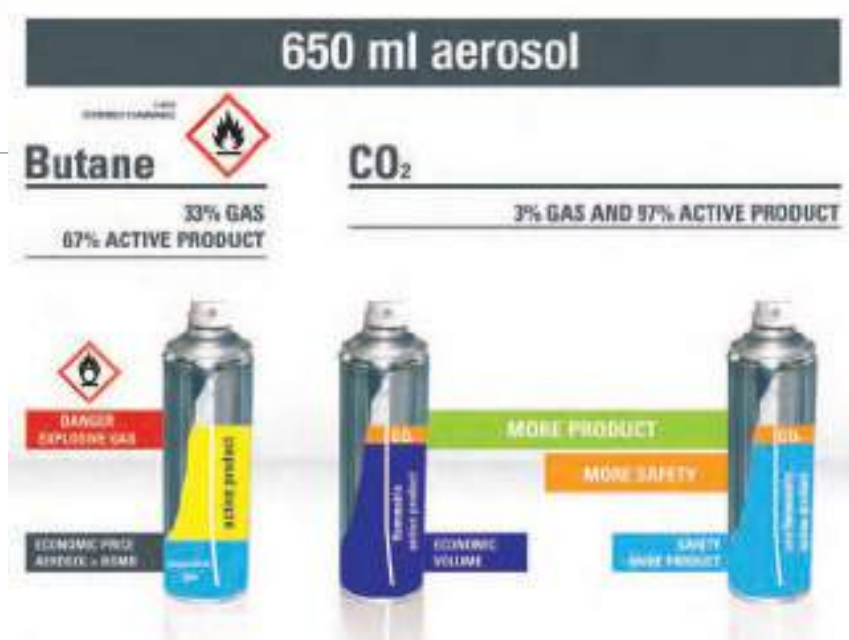
This range helps protect metals against welding spatter.

Always conscious of environmental and user SAFETY issues, we offer aqueous and biodegradable products.



PROTECT

STORAGE
WELDING
SAFETY



4

PROTECTION
OF INDIVIDUALS

Your staff are valuable; let's make their working environment as safe as possible:

anti-slip, anti-fall products, antipuncture products andc. including marking paints, various kinds of absorbent products, insecticides, de-icing products, hole and pothole repair products andc.

5

PROTECTION
STORAGE

Machined parts and other valuable components need to be protected during storage and transport.

This is why we have developed oily, waxy and dry protective varnishes that come in peelable and non-peelable, coloured or colourless versions so that each of our customers can find the right solution for their components and requirements - with or without initial parts cleaning.

PROTECT

CORROSION INHIBITING PAINT

NZA B

GLOSS GALVANISATION

Exceptional, long-lasting protection against corrosion (up to 3 years) for all metal parts. Coating with high zinc content giving a gloss finish. Can be used as a finish under-layer. Efficient, even in corrosive and marine conditions.


706


■ Shiny grey

T° : -50 to +200°C

Salt spray: > 400 h for 20 µm

Spray coating: 5 µm

4706A4 650 ml aerosol

2706B7 1 kg tin

2706U2 200 kg drum



NZA MAT

MATT GALVANISATION

Hard-wearing treatment and long-lasting protection against corrosion (up to 5 years) for all metal parts. Randouching of galvanised parts even under extreme weather conditions. Can be used as a primer for the final coat. Highly effective even in corrosive or marine environments.

650

■ matt grey

T° : -50 to +200°C in point

Salt spray: > 500 h

4650A4 650 ml aerosol

GALVA EXPRESS

SPECIFICALLY FOR RETOUCHING

Hard-wearing treatment and long-lasting protection against corrosion (up to 3 years) for all metal parts: slideways, gates, re-welds, pipes, boiler-making, wire nandting and tanks. Randouching of galvanised parts. Randouching of parts after hot galvanising. Can be used as a primer for the final coat.

699

shiny

■ grey

T° : -50 to +200°C

Salt spray: > 250 h

4699A4 650 ml aerosol



NZA MARINE

LONG-TERM PROTECTION

Hard-wearing treatment and exceptional longlasting protection against corrosion (up to 10 years) for all metal parts. Randouching of galvanised parts even under extreme weather conditions. Protects against chemical attacks and mechanical wear. Can be used as a primer for the final coat and provides maximum cathodic protection. High performance even in corrosive and marine environments.

653


■ matt grey

Salt spray: > 800 h

T° : -50 to +200°C

4653A4 650 ml aerosol

CODEROUIL

ANTI-RUST LACQUER

Glossy, ultra-quick drying, rust inhibiting lacquer. Highly resistant when used outdoors. Excellent adhesion to a wide range of surfaces. Provides excellent VOC contentterage. Easy to apply. Using CODEROUIL allows you to paint directly onto rusty metal. Nevertheless, for best results, we recommend that you apply the product onto an undamaged surface. Can be used on all surfaces subject to oxidation: metal frames, tanks, pipes, vehicles, machine tools, doors and gates, andc. Ideal for industrial applications, DIY, the automotive industry, plumbing andc.

3000XX

Dust free:

minimum 1h

Complande drying: minimum 8h

Resistance at T° : 100°C max.

BLACK

HIGH TEMPERATURE

Matt black paint for randouching and protecting all metal parts exposed to high temperatures. Protects against corrosion. Ironwork, exhaust pipes, chimneys, barbecue housings.

710

■ matt black

T° : -30 to +490°C

4710A4 650 ml aerosol

ORALU

HIGH TEMPERATURE

Glossy aluminium paint for randouching and protecting all metal parts which may be subjected to high temperatures. Protects against corrosion. Ironwork, exhaust pipes, chimneys, barbecue housings.

712

■ grey

T° : -30 to +600°C

4712A4 650 ml aerosol



300002 ■ white RAL 9010 1 kg tin

300005 ■ red RAL 3020 1 kg tin

300008 ■ yellow (gas) RAL 1004 1 kg tin

300017 ■ blue RAL 5017 1 kg tin

300023 ■ grey RAL 7042 1 kg tin

300026 ■ black RAL 9017 1 kg tin

TRACING - MARKING

FAST LINE

LINE MARKING

High resistance to abrasion, even with frequent and aggressive traffic such as forklifts. Contains no lead and no chlorine. Excellent VOC content, for marking traffic and SAFETY lines. Compatible with all surfaces: tarmac, bitumen, cement, paint, wood, grass andc. Industry, local authorities, town council technical departments, sports facilities, schools andc.

901/909

901 ■ yellow
RAL 1023

909 ■ white
RAL 9010

VOC content: 80 g/aerosol



8901A4	650 ml aerosol
8909A4	650 ml aerosol

SPECTRA COLOR

970

METAL TRACING AND MARKING

Coloured tracing, identification and coding liquid. For marking and identifying different equipment located in the same workshop.

Tracing of drilling or cutting dimensions without marking or damaging the metal by directly marking the negative image onto the SPECTRA COLOUR with a scribe.

Available in translucent or matt versions to suit the type of surface. Withstands mineral oils, water and numerous solvents. Approved by many car producers. Cleans off with ORASOLV A 568.



Drying : Quick

N°	Couleur	
970	■ translucent blue	2970i2 1 l container
971	■ opaque white	2971i2 1 l container
972	■ opaque yellow	2972i2 1 l container

GAMME MV

01X

IDENTIFICATION - MARKING - CODING

Marking and identification varnish for validating the warranty. This varnish is used to provide assembly and installation security. Opening the device breaks the seal and provides a quick, visual indication that the device has been tampered with. Can be applied to screws, clips, fastenings and miscellaneous components. Renders screws, bolts and rivands tamper-proof.

T° : -40 to +200°C
Dust free: 1 min

N°	Couleur	1 l tin	90 ml bottle	90 ml tube
010	■ red	1010B7	1010FB	1010T8
014	■ black	-	1014 FB	-

MARKER

054

WRITES ON ALL SURFACES

For marking and identifying materials in the workplace. Can be used on smooth and rough surfaces. Impermeable and rain-proof, does not clog, does not dry out, always ready to use. Compatible with all materials: paper, cardboard, glass, stone, ceramic, wood, all metals, plastic, rubber, tyres andc.

Dries quickly
Line width: 3 mm
300 m of writing
Halogen-free

1054ST	■ white pen
1054STR	■ red pen
1054STJ	■ yellow pen
1054STN	■ black pen





PEELABLE PRODUCTS

PROTOR 842

842

ANTI-CORROSION PROTECTION

Anti-corrosion, water-repellent protective product that produces a waxy film.
Its very thin dosage provides a thin layer, not very greasy and very effective.



■ yellow
Salt spray: > 70 h

4842A4	650 ml aerosol
284201	20 l drum
2842U2	200 l drum



PROTOR SG 100



804

ANTI-CORROSION PROTECTION
COLOURED POLISHING PROTECTION

Anti-corrosion, water-repellent protective product that produces a semi-greasy film.

■ red
Salt spray:
> 100 h
Surface :
2 m² / aerosol

4804A4	650 ml aerosol
2804J1	5 l metal container
280405	60 l metal drum
2804U2	200 l drum



PROTOR SG 100

791

ANTI-CORROSION PROTECTION

Anti-corrosion, water-repellent protective product that produces a semi-greasy film. The essential characteristic of this product is to leave only a thin greasy film that is compatible subsequent with machining. Contains no chlorinated solvent; contains no toxic solvent.

colourless
Salt spray:
> 100 h

2791J1	5 l metal jerrycan
2791U2	200 l drum



PROTOR MARINE

727

LONG-LASTING WAXY PROTECTION

Anti-corrosion, water-repellent protective product that produces a greasy film for long-lasting protection. Withstands marine environments. Clean and remove with a solvent. This product is suitable for any parts, regardless of shape, that are clean or simply waxy.

■ brown
Salt spray:
> 150 h

2727J1	5 l jerrycan
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PROTOR BITUM

7272

ANTI-CORROSION PROTECTION SEALING

Anti-corrosion and sealing product providing a dry and flexible film for long-lasting protection. is intended primarily for exterior protections: bridges, roofs, pylons, metal frames, cisterns, bodywork of public works or agricultural machinery, andc.
Waterproofing and protection for concrete or cement surfaces. Can be used on concrete, cement, metal, plastic, andc. Protects military equipment, harbour equipment, railway lines, andc.



■ black
liquid
VOC content: 8 g/litre
Dust free/dry :
2h/12h
Salt spray:
> 800 h

47272A4	650 ml aerosol/ 300 ml
27272S1SNCF	5 kg tub



PEELABLE PRODUCTS

PROTOR AQUA

969

PEELABLE AQUEOUS PROTECTION

Water-based protective varnish.

The colour makes it easier to check treated areas. Forms a thick film which can be easily peeled off in one piece. Protects parts against scratches and corrosion, and painting booths and floors against splattering of various types. Protection of cutting tools.

■ white
odourless
VOC content : 0%
Flash point : **non-flammable**

2969i2	1 kg tin
2969S1	5 kg tub
296902	27 kg drum

AQUAPEEL TS

4608

PEELABLE AQUEOUS PROTECTION

Water-based, non-flammable, VOC-free protective

varnish. The colour makes it easier to check treated areas. Forms a thick film which can be easily peeled off in one piece. Protects parts against scratches and corrosion, and painting booths and floors against splattering of various types.

Protection of cutting tools.

colourless
odourless
VOC content : 0%
Flash point : **non-flammable**

D4608	25 l drum
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PROTOR PL RED

967

PEELABLE PROTECTION

Coloured, peelable protective varnish. The colour makes it easier to check treated areas. Dries quickly. Can be easily peeled off in one piece. Protects metal sheands, polished parts, rolling mill cylinders andc. against scratches and corrosion. Protects painting booths and floors against splattering of various types and sharp tools.

■ red
Salt spray: 800 h

2967i2	1 l container
296701	20 l drum

PROTOR PL

968

PEELABLE PROTECTION

Colourless, peelable protective varnish. Dries quickly and can be easily peeled off in one piece. Protects against scratches and corrosion: metal sheands, polished parts, rolling mill cylinders... while keeping a perfect vision of pieces. Protection of painting booths and floors against various contaminations.

colourless

2968i2	1 l container
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VARNISHES

SR 05

714

COLOURED PROTECTIVE VARNISH

Very long-lasting protective varnish, for indoor and outdoor use. Dries rapidly and creates a dry, protective film. Does not raindust. To be applied on clean metallic or plastic parts. Protects against corrosion and scratches. To be removed easily with ORAPI 507 - NDI.



■ red
RAL 3032
Salt spray:
> 250 h

4714A4	650 ml aerosol
2714J1	5 l jerrycan



VERTRO

715

TROPICALISATION VARNISH.

Colourless, very long-lasting protective varnish for indoor/outdoor use. Can be used as a humidity insulator and is resistant to harsh environments, hydrocarbons, humidity, salt spray, scratches andc. Protects metal parts, wood, plastic, documents, printed circuit boards andc. Dries rapidly while creating a dry, protective film. Does not raindust.

colourless
T° : -40 to +140°C
Dielectric
constant : 100 kW

4715A4	650 ml aerosol
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WELDING

ANTIPERL ECO

WATER-BASED ANTI-WELD SPATTER

Silicone-free and solvent-free anti-welding spatter product. Non-toxic. Water emulsion of non-stick agents, to be used for the protection of assemblies and tools in welding operations. Removed with water.



808



■ milky white

Viscosity :
1 to 3 cPs

Flash point : Non-
flammable

VOC content : 0%

PMUC : 22-0082

4808A4	650 ml aerosol
3808J1	5 l jerrycan
380801	20 l drum
380805	60 l drum
3808U2	200 l drum
6808A4	650 ml aerosol PMUC
6808J1	5 l jerrycan PMUC



CERASPRAY

708

NOZZLE AND TUBE PROTECTION

Ceramic-based technical product for the treatment of MIG/MAG welding tubes, torches and nozzles. Treated nozzles last 5 to 10 times longer because the gas and wire can pass through more easily. Forms a film which prevents soldering tips from bursting and over-heating. Excellent non-stick agent for high-temperature mould release.

■ dry white film
T° : 1 600°C

4708A4	650 ml aerosol
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ANTIPERL WB

914

WATER-BASED ANTI FLUX RESIDUE

Silicone-free and solvent-free anti-welding spatter product. Non-toxic. Combination of non-stick agents, diluted in water, used for preventing welding spatter and projections over large areas (frames, mechanised welding, ship building andc.) Removed with water.

colourless to
■ light yellow

Flash point : non-
flammable

VOC content : 0%

291401	20 l drum
2914U2	200 l drum

SURFACTANT AMIANTE

NEW

WETTING AND FIXING ASBESTOS FIBERS

It's a mixture of acrylic copolymers in the aqueous phase intended especially for the impregnation and wandting of materials containing asbestos, preventing any dispersion of fibers during dismantling operations. is economical and can be diluted to the maximum in the ratio of 4 parts of water to 1 part of product.

C429

■ Blue

C429/0001	750 ml spray
C429/0005	5 l drum
C429/0030	30 l drum

BLOC'ROUILLE

RUST PASSIVATOR

Very powerful converter and passivator of rust. Sit combines with rust to form All sectors using metallic parts in oxidising or salty atmospheres, or where they must be protected from rust.



954



■ white and
■ black after
drying and
complexation
VOC content : 0%

2954R3	500 ml oil can
2954J1	5 kg jerrycan
2954U2	200 kg drum



FERAL

C015

RUST FREEZER

A very powerful rust freezer that penetrates rust quickly, stabilises it chemically and transforms it into an inert, black, water insoluble complex within minutes. Allows to avoid expensive repairs, before PAINT ; very economical because of its excellent covering power.

■ matt black film
T° : 250°C

C015/0001	1 l container
C015/0005	5 l jerrycan
C015/0210	210 l drum

SAFETY AND MARKING

FILL CRACK

904

HOLE FILLER

Semi-synthetic compound for the filling of potholes in asphalt or tarmac. Long term repairing. To be used under any weather conditions. Keeps its flexibility and resiliency. To be applied in thin layers (4cm maximum)



■ black

890402 25 kg drum

ICE MELT

907

ICE AND SNOW MELTER

10 times more effective than traditional salt as it releases heat when combined with water. Anti-slip effect wherever there is ice, black ice, snow: pedestrian crossings, paths, ski resorts, shop entrances, cold storage, local authorities, companies' security department etc. Easy to use thanks to being packaged in a bucket.

■ white

Efficacy : - 50°C

Consumption :
1 kg/7-10 m²

8907S2 14 l bucket
8907S5 25 kg bag
8907BB 1 t Big Bag



FLOOR PATCH II

9032

HOLE AND CRACK REPAIR

Synthetic compound for filling holes and cracks in cement, concrete and bitumen. Chemical sealing of threaded rods, poles, machine feet, manholes etc. Fluid, slow-setting self-levelling product particularly suitable for difficult and horizontal work. Long-term repair. To be used under any weather conditions.

■ dark grey

Shelf life of
mixture: 15 min

Drying : 2 h

Density : 2

Consumption :
2 kg/m²/mm

89032K5 5 kg tub

TUE FRELONS

591

POWERFUL INSECTICIDE

Formulated with powerful active compounds, immediate devastating action. To be used only outside, for wasp and hornet nests and all human threatening species. No unpleasant smell. Spray the product while protecting yourself against counter-attacks. For firemen, technical departments, sports clubs, camp sites, leisure centres, farmers, nurseries etc.



Range : 6 m

Empty in
20 secondes

4591A6 1000 ml Aerosol



SOLSEC

916

PLANT-BASED ABSORBENT PRODUCT

Multi-purpose, plant-based absorbent product with very good absorbency properties. Very good anti slip. Not abrasive and chemically neutral. Flame retardant (M1 rating) + 600°C. Does not create sludge or dust. Absorbs all liquids on floors: soiled water, petrol, blood, diesel etc. Required for all industries, firemen, local authorities. Pollution treatment in public areas and within companies.

pH : 6,5

Absorbency
properties:
363% water
392% C synthetic
oil

5916H4 45 l bag (approx. 6,5 kg. 70 bags / pallet)

O ABSORB

5162

NEW

NATURAL ABSORBENT

Absorbent powder all liquids based on lignocellulosic fibers. The absorbent quickly and irreversibly encapsulates the liquids upon contact Drying absorbent: eliminates the film of fat to obtain dry and safe floors Absorbs 8x more than mineral absorbents and minimizes waste Can be used with or without the O DRY MOBILE rebreather.

Absorbency
properties:
323% water
122% synthetic
oil

85162H4 Bag 30 l (70 bags / pallet)
700102 O DRY MOBILE (with 1 free bag)



ABSORBANT TDD

935

DIATOMACEOUS EARTH

Inert road and industrial absorbent product, free from harmful materials. Absorbs quickly and efficiently thereby avoiding pollution and slides. Does not form sludge after liquid absorption.

■ reddish brown

Density : 505 kg/m³
pallet : 50 bagsAbsorbency
properties:
105% water
115% synthetic
oil

8935H4 20 kg bag (approx. 40 l)

ABSORBANT PP

7000XX

ABSORBENT WIPES

Absorb liquid spills quickly, easily, cleanly and at optimum cost. Easy to deploy and easy to pick up. Absorbs 10 to 15 times its own weight. An essential tool for preventing pollution and keeping workshops clean. For preventive as well as curative use.

Ref.	Product	Composition
700070	40 x 45 HYDROCARBON wipes	Bag of 200 white sheets
700071	40 x 45 ALL FLUIDS wipes	Bag of 200 grey sheets
700075	8 x 120 Booms	Box of 20 grey booms
700101	46m x76cm Rolls	310 g/m ²

PENETRATE & RELEASE

CLEAN

USE

LUBRICATE

ASSEMBLE



PROTECT

FLAW DETECTION

LEAK DETECTOR

FOAM FOR LEAK DETECTION

FOAM for leak detection. Effective even for small leaks. Non-toxic. Non-corrosive. Piping, taps, connections, water works, pipes, valves. Natural gas vehicles feed system. Tightness check after mounting the windshields Compressed air installations, gas-cylinder pressure gauges, refrigeration installations. Contains no mineral oils and is suitable for use with all gases, including oxygen.

9522

NEW



Cl - F - Br - S :
< 200 ppm
PMUC : 07-010

49522A4	650 ml aerosol
6958A4	650 ml aerosol PMUC

BLEU DE PRUSSE

975

PLANARITY DEFECT

Blue indicator for checking connectors and fittings on flat surfaces. Reveals high and low points on abutment surfaces which can then be machined to make the final adjustments. Cleans off with ORASOLV B30 - 564.



■ blue
VOC content : 0%
Non-flammable



1975F9	22 ml tube
1975T3	100 ml tube

CRACK DETECTOR 957

CRACKS, FISSURES – PENETRATING RED DYE

Highly effective red fluid which penetrates the cracks, micro-fissures and pores of metals, whether blocked or not. For testing welds during construction and monitoring wear after several years' use on tanks, pylons (ski resorts, cable cars), machine frames, cars, etc. Clean with 503, apply 957, allow the product to penetrate, wipe off, then apply 956. Flaws appear in red when white indicator 956 is applied. ASME Section V compliant.

■ red
Capacity : 200 m



4957A4	650 ml aerosol
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CRACK DETECTOR 956

CRACKS, FISSURES - WHITE INDICATOR

White product which, when applied after the 957 product onto cracks, micro-fissures and porous metal, blocked or otherwise, makes the 957 product which has penetrated into the material reappear, thereby identifying any flaws. For testing welds during construction and monitoring wear after several years' use on tanks, pylons (ski resorts, cable cars), machine frames, automobiles etc. Clean with 503, apply 957, let it penetrate, sweep away, apply 956. Flaws appear in red when white indicator 956 is applied. ASME Section V compliant.

■ white
Capacity : 150 m



4956A4	650 ml aerosol
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KLEANER 503

CRACKS, FISSURES - DRY SOLVENT

Helps prepare surfaces before detecting cracks and fissures using the 2 products from the CRACK DETECTOR range. Degreasing solvent with ultra quick evaporation that efficiently removes dust and greasy marks that could interfere with the action of detection products. Does not damage plastic, rubber, polymers etc.

Scent : apple
Flash point :
< 0°C



4503A4	650 ml aerosol
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ADHESIVE APPLICATION

SPRAY GUN 310 ML CANISTER

Ref. : 700002

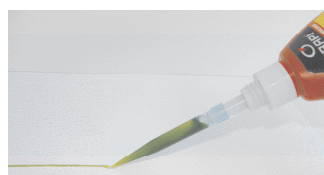


SPRAY GUN 50 ml SYRINGE

Ref. : 700000



APPLICATION NOZZLE 0,8 mm



Ref. : 500006

SYRINGE MIXER 50 ML



- 1 Canulas : 700001
- 2 Canulas : 700083 (for the 201 and 391)
- 3 Canulas : 700093 (for the 129)
- 4 Canulas silicone : 50706

AEROSOL

NOZZLE BRUSH

Ref. : 700068



GRASSHOPPER HEAD NOZZLE

Ref. : 52380 (red) / E23073 (blue)



LINE MARKING

4-WHEEL TROLLEY

Ref. : 8915V3



SOLUBLE OIL CONTROL

REFRACTOMETER

Ref. : 700014



GREASE APPLICATION

GREASE PUMP

Ref. : 700012



LUBE SHUTTLE SPRAY GUN

Ref. : 700062
Ref. : 700081 (pneumatic version)

LIQUID APPLICATION

AEROVAP

Ref. : 700063



REFILLABLE AEROSOL

Ref. : 700087
Recharge valve:
ref. 55076
Recharge nozzle :
+ ref. 50007
(white 1,02 mm)
+ ref. 50008
(blue 0,33 mm)
+ ref. 5991
(red mini jet)

TRIGGER AEROSOL

Ref. : 700029

LINE MARKING

4-WHEEL TROLLEY

Ref. : 8915V3



SOLUBLE OIL CONTROL

REFRACTOMETER

Ref. : 700014



SOAP DISPENSER

POWDERED SOAP DISPENSER

Ref. : ACC007
Ref. : 700074 (Shovel))

TAPS

TAPS FOR 20 LITERS

Ref. : 700021

TAPS FOR 1 & 5 LITERS

Ref.: 52355

TAPS FOR 60 AND 200 LITERS

Ref. : 5172



EMPTY PACKAGING

50316 / 50317	20 ML GLASS BOTTLE/BRUSH
700010	20 G ADHESIVE BOTTLE
700011	90/50 ML RESIN BOTTLE
E24070	100 ML MECHANICAL PUMP SPRAY
7BIDOP1/2	500 ML BOTTLE + SPRAY
5154	220 L BLUE DRUM
5477+E21256	1 L CONTAINER + CAPS

ACC440	TRIGGER PULVE FOR EPL 855
EPL855	1 L HDPE CONTAINER GIRAFFE NECK/CAP
700006	1 L JERRYCAN/CAP METAL
53936	5 L CONTAINER/CAP
51165	SPRAY TRIGGER
AR1566	5 L PUMP CONTAINER



ALPHABETICAL INDEX

N°	NAME	PAGE
858	2000 NUCL NF	50
717	A 20 N	33
517	A 62 NU	14
508	A 90 H	16
935	ABSORBANT TDD	79
589	ACTI'SEPTYL	17
5892	ACTI'SEPTYL PAE	17
015	ACTIVATEUR 3140	54
025	ACTIVATEUR 6140	68
395	ACTIVATEUR A	62
953	ADHERENT COURROIES	67
390	ADHERLOCK 73	62
576	ALCAPOUDRE	17
587	ANTIMOUSS	51
808	ANTIPERL ECO	78
808PMUC	ANTIPERL ECO	78
914	ANTIPERL WB	78
4608	AQUAPEEL TS	77
9011	AQUATRON S-220	23
813	AV 33	23
640	BA	35
377	BLANCHE S	71
975	BLEU DE PRUSSE	80
954	BLOC ROUILLE	78
314	BLOCK BAGUE	56
313	BLOCK BAGUE 60	56
316	BLOCK OIL TOLERANT	56
318	BLOCK ROULEMENT	57
317	BLOCK ROULEMENT 60	57
700075	BOUDINS ABSORBANTS 8*120	79
586	BRILLINOX	21
354	C 2000	69
353	C 2000 CMM	70
359	C 2000/S	69
355	C 2040	69
373	C 3000	69
371	C 3000 AF	71
378	C 3000 DF	71
363	C 3000 HU	71
356	C 3600	70
384	C 5000 CM	70
385	C 5000/14	70
386	C 5040	70
802	CB 5	46
806	CB 6	46
831	CB 831	45
708	CERASPRAY	78
9030	CITRON GP	19
579	CODE 79	21
3000XX	CODEROUIL	74
9031	COILTRON	23
477	COLLE REPOSITIONNABLE	67
679	COPA 1100	35
5820	COLZEMUL	15
956	CRACK DETECTOR BLANC	80
957	CRACK DETECTOR ROUGE	80
625	CT 12 G	37
619	CT 1240	39
602	CT 14	37
680	CT 140	37
743	CT 143	37
628	CT 300	38
608	CT 4	36
629	CT 51	38
630	CT 520	38
609	CT 609	41
6092	CT 6092	41
615	CT 615	41
622	CT 622	41
6221	CT 6221	41
672	CT 630	42
662	CT 662	41
665	CT 665	40
683	CT 683	39
691	CT 691	38
698	CT 698	38
616	CT 830	39
617	CT 8EP	39
687	CT BIO	37
607	CT FLON	37
618	CT FLON AL	41
606	CTDMEP2	39
809	CTSI	42
585	DECAPANT	17
6642	DECAPANT PRO	17
5164	DECOLETIK	15
408	DECOLLEUR 3720	68
0DEG3	DEG 3	15
801	DEGRILUB	9
817	DEGRYP'BIO	9
C027	DELICAL	20
819	DESUCR'OIL	47

N°	NAME	PAGE
2249	DIESEL BOOSTER	21
719	DILUANT VIMOS EMOS	14
860	DOPE SBW	48
720	EMOS 60	33
612	ENG CB 612	37
5893	ERGASPRAY PRO	17
822	ESIL 10/10	44
322	ETANCHELOCK	59
A4423	EXTERIOR AIRCRAFT CLEANER	25
909	FAST LINE BLANC	75
901	FAST LINE JAUNE	75
C015	FERAL	78
700070	FEUILLES 40*45 HYDROCARBURES	79
700071	FEUILLES 40*45 TOUS FLUIDES	79
859	FILDUC 1879	50
912	FILDUC BIODEGRADABLE	50
904	FILL CRACK	79
810	FINE 121	47
312	FIX METAL	56
310	FIX PRESS	56
9032	FLOOR PATCH 2	79
830	FLUIDE 830	48
685	FLUORE 6	48
669	FLUORE 60	48
	FONTAINES	27 - 29
306	FREINAGE FAIBLE	54
307	FREINAGE FAIBLE 15	55
300	FREINAGE FORT	54
301	FREINAGE FORT 15	55
303	FREINAGE MOYEN	54
304	FREINAGE MOYEN 15	55
299	FREINAGE ULTRA FAIBLE	54
865	FTS 10 NU 19071	50
869	FTS 18	49
872	FTS 21	49
856C	FTS 230C	49
878	FTS 60	49
663	G 105 X	46
840	G840	46
699	GALVA EXPRESS	74
351	GEL CYANO	70
9512	GIVREUR 2	22
634	GRAISSE A L'ARGENT	38
702	GRAPHENE	32
7042	GRAPHITE WB	33
613	GRN	34
601	HT 600	35
637	HT900	36
647	HTCU	36
565	HUILE L 305	47
326	HYDRAUBLOCK	59
329	HYDRAULOCK	59
907	ICE MELT	79
102	JOINT BLEU AUTO	64
331	JOINT LIQUIDE	59
145	JOINT METAL	64
133	JOINT PLAST	66
503	KLEANER	14
503	KLEANER	80
6412	L362	36
9522	LEAK DETECTOR A288	80
614	LM 20	34
604	LM 50	34
831E	LUB CABLE	45
836	LUBRIFIANT 836	44
101	LUBRISEAL RTV ACETIQUE BLANC	64
104	LUBRISEAL RTV ACETIQUE NOIR	64
103	LUBRISEAL RTV ACETIQUE ROUGE	64
100	LUBRISEAL RTV ACETIQUE TRANSPARENT	64
111	LUBRISEAL RTV INODORE BLANC	65
110	LUBRISEAL RTV INODORE TRANSPARENT	65
639	M1RB	41
660	M4	40
675	M6	40
674	M7	40
054	MARKER	75
	MATERIEL	81
9062	MECAMATIC	18
AK3912	METSOAK AK 3912	25
610	MOB 30	34
611	MOB 60	34
837	MOLIQ	46
700	MOLYSPRAY	32
474	MOUSSE PU	67
014	MV NOIR	75
010	MV ROUGE	75
2010	NANOLUBRICANT 2010	40
2015	NANOLUBRICANT 2015	35
2020	NANOLUBRICANT 2020	46
2021	NANOLUBRICANT 2021	48
2025	NANOLUBRICANT 2025	9

N°	NAME	PAGE
2026	NANOLUBRICANT 2026	48
2030	NANOLUBRICANT 2030	35
2035	NANOLUBRICANT 2035	40
2040	NANOLUBRICANT 2040	35
2045	NANOLUBRICANT 2045	40
582	NATUR'SOLV	13
643	NB	35
507	NDI	14
400	NEOPRENE 400	67
5496	NET CLIM	23
516	NET FREINS	14
5494	NET MOQUETTE	25
5002	NET MOUSS	22
501	NET'DEX	22
5163	NETFLUX	15
5492	NETGLACE ÉTÉ	25
5493	NETGLACE HIVER	25
016	NETTOYANT 3141	54
547	NETTOYANT CARROSSERIE	25
502	NETTOYANT ECRAN	22
710	NOIR PAINT	74
C067	NOVAL	21
9069	NU-COIL 101	23
346	NUCSEAL N	66
706	NZA B	74
653	NZA MARINE	74
650	NZA MAT	74
5162	O ABSORB	79
700102	O DRY	79
855	OLDUC 1227 SF	50
724	OR 05	32
129	ORABOND 2K	65
125	ORABOND BLANC	65
128	ORABOND CRISTAL	65
126	ORABOND NOIR	65
880	ORACOUP 11	51
852	ORACOUP 252	51
882	ORACOUP 32	51
892	ORACOUP 892	51
854	ORACOUP 91	51
705	ORAFLON	46
707	ORAFLON AL	47
324	ORAJOINT	57
391	ORALOC HDI	62
712	ORALU	74
894	ORALUB 32	45
893	ORALUB 46	45
895	ORALUB 68	45
868	ORALUB 868	45
210	ORAMETAL A	63
212	ORAMETAL F	63
221	ORAMETAL POCKET	63
5805	ORAMOISS'	24
530	ORANET A	18
515	ORANET B1	18
5153	ORANET B10	18
546	ORANET B15	18
531	ORANET C	18
536	ORANET F	19
532	ORANET M	19
5325	ORANET M25	19
537	ORANET N	20
533	ORANET S+	18
5802	ORANGE CREME +	24
550	ORANGE SOLVENT	14
963	ORAPHOS 50	21
964	ORAPHOS 60	21
348	ORAPLAST'X	66
5325	ORARENOV	20
342	ORASEAL	66
343	ORASEAL +	66
347	ORASEAL 4000	67
538	ORASOLV 89 CLI	15
5382	ORASOLV 89 CLI 100	15
568	ORASOLV A	16
518	ORASOLV A 05	16
564	ORASOLV B30	12
567	ORASOLV B40	12
571	ORASOLV B60	12
539	ORASOLV E	15
512	ORASOLV L	13
581	ORASOLV L2	13
511	ORASOLV M1	13
513	ORASOLV N	16
514	ORASOLV O	14
540	ORASOLV P	13
576	ORASOLV R2	16
5232	ORASOLV S 232	13
543	ORASOLV S1	13
5432	ORASOLV S2	13
544	ORASOLV T	16

ALPHABETICAL INDEX

N°	NAME	PAGE
564V	ORASOLV VEG 1	12
571V	ORASOLV VEG 2	12
513V	ORASOLV VEG 3 AL	12
962	ORATARTRE	20
811	ORATEN	47
5327	ORAZYM	19
201	OREPOX 30	62
202	OREPOX 5	62
5152	OURAGAN	17
051	OXYSEAL	66
603	PATE SPRAY	34
886	PATE TA 1800	50
641	PC 195	36
838	PEI 35	47
593	POLYSTAR	21
333	PORAJOINT	57
328	PORALOCK	59
721	POUDRE 2115	32
15156	POUDRE NEUTRALISANTE	20
645	POUDRE PTFE	32
458	PREAPPLIQUE	55
021	PRIMAIRE 3450	68
020	PRIMAIRE 4004	64
5803	PRO GREEN	24
C647	PROTECTEUR ARMES G.C	23
842	PROTOR 842	76
969	PROTOR AQUA	77
7272	PROTOR BITUM	76
727	PROTOR MARINE	76
968	PROTOR PL INCOLORE	77
967	PROTOR PL ROUGE	77
804	PROTOR SG 100	76
791	PROTOR SG 100 INCOLORE	76
9083	QUICK SOL HP	19
KS1801	QUICK WRAP	66
815	REDUCE 2N	9
800	REDUCE 4	9
8142	REDUCE A296	9
799	REDUCE AL	9
525	RENOV'PLASTIQUE	22
744	RUST AND CONCRETE REMOVER	20
9092	SANITOR	22
504	SDI NEW	16
120	SEAL PU	65
341	SEALFLON LIQUIDE	67
340	SEALFLON PATEUX	67
646	SI 20	42
652	SI 33	43
621	SI 4	42
648	SI 450	42
649	SI 528	42
651	SI ROBINET	42
633	SI VIDE	42
823	SIL 50/50	43
812	SILAL	44
803	SILICONE SPRAY	44
825	SILICONE V 300	44
746	SILICONE V 7500	44
626	SITEF 1	43
620	SITEF 2	43
654	SITEF 3	43
916	SOLSEC	79
C629	SOLVORANGE	14
950	SOUFFLEUR	22
9502	SOUFFLEUR 2	22
97X	SPECTRA COLOR	75
714	SR 05	77
352	SUPERGEL	69
C429	SURFACTANT AMIANTE	79
D3062	TAKRAG 1070XL	25
701	TEFLISS 2	32
418	THERMIQUE PMUC	67
600	TM 9005	36
323	TUBELOCK A	58
367	TUBELOCK C	58
077	TUBELOCK EXTRA	58
334	TUBELOCK TEFLON	58
591	TUE FRELON	79
575	ULTRA CLEAN	24
9117	VAND'X	17
657	VASCO	38
658	VASCO 15	38
8287	VER L 149/7	33
704	VERGRAF	33
715	VERTRO	77
726	VIMOS 70	33
959	VSS POUDRE	24
805	WR+	9
605	WSA	39
605I	WSAi	39

NUMERICAL INDEX

N°	NAME	PAGE
010	MV ROUGE	75
014	MV NOIR	75
015	ACTIVATEUR 3140	54
016	NETTOYANT 3141	54
020	PRIMAIRE 4004	64
021	PRIMAIRE 3450	68
025	ACTIVATEUR 6140	68
051	OXYSEAL	66
054	MARKER	75
077	TUBELOCK EXTRA	58
0DEG3	DEG 3	15
100	LUBRISEAL RTV ACETIQUE TRANSPARENT	64
101	LUBRISEAL RTV ACETIQUE BLANC	64
102	JOINT BLEU AUTO	64
103	LUBRISEAL RTV ACETIQUE ROUGE	64
104	LUBRISEAL RTV ACETIQUE NOIR	64
110	LUBRISEAL RTV INODORE TRANSPARENT	65
111	LUBRISEAL RTV INODORE BLANC	65
120	SEAL PU	65
125	ORABOND BLANC	65
126	ORABOND NOIR	65
128	ORABOND CRISTAL	65
129	ORABOND 2K	65
133	JOINT PLAST	66
145	JOINT METAL	64
201	OREPOX 30	62
202	OREPOX 5	62
210	ORAMETAL A	63
212	ORAMETAL F	63
221	ORAMETAL POCKET	63
299	FREINAGE ULTRA FAIBLE	54
300	FREINAGE FORT	54
301	FREINAGE FORT 15	55
303	FREINAGE MOYEN	54
304	FREINAGE MOYEN 15	55
306	FREINAGE FAIBLE	54
307	FREINAGE FAIBLE 15	55
310	FIX PRESS	56
312	FIX METAL	56
313	BLOCK BAGUE 60	56
314	BLOCK BAGUE	56
316	BLOCK OIL TOLERANT	56
317	BLOCK ROULEMENT 60	57
318	BLOCK ROULEMENT	57
322	ETANCHELOCK	59
323	TUBELOCK A	58
324	ORAJOINT	57
326	HYDRAUBLOCK	59
328	PORALOCK	59
329	HYDRAULOCK	59
331	JOINT LIQUIDE	59
333	PORAJOINT	57
334	TUBELOCK TEFLON	58
340	SEALFLON PATEUX	67
341	SEALFLON LIQUIDE	67
342	ORASEAL	66
343	ORASEAL +	66
346	NUCSEAL N	66
347	ORASEAL 4000	67
348	ORAPLAST'X	66
351	GEL CYANO	70
352	SUPERGEL	69
353	C 2000 CMM	70
354	C 2000	69
355	C 2040	69
356	C 3600	70
359	C 2000/5	69
363	C 3000 HU	71
367	TUBELOCK C	58
371	C 3000 AF	71
373	C 3000	69
377	BLANCHE 5	71
378	C 3000 DF	71
384	C 5000 CM	70
385	C 5000/14	70
386	C 5040	70
390	ADHERLOCK 73	62
391	ORALOC HDI	62
395	ACTIVATEUR A	62
400	NEOPRENE 400	67
408	DECOLLEUR 3720	68
418	THERMIQUE PMUC	67
458	PREAPPLIQUE	55
474	MOUSSE PU	67
477	COLLE REPOSITIONNABLE	67
501	NET'DEX	22
502	NETTOYANT ECRAN	22
503	KLEANER	14
503	KLEANER	80
504	SDI NEW	16
507	NDI	14
508	A 90 H	16

N°	NAME	PAGE
511	ORASOLV M1	13
512	ORASOLV L	13
513	ORASOLV N	16
513V	ORASOLV VEG 3 AL	12
514	ORASOLV O	14
515	ORANET B1	18
516	NET FREINS	14
517	A 62 NU	14
518	ORASOLV A 05	16
525	RENOV'PLASTIQUE	22
530	ORANET A	18
531	ORANET C	18
532	ORANET M	19
533	ORANET S+	18
536	ORANET F	19
537	ORANET N	20
538	ORASOLV 89 CLI	15
539	ORASOLV E	15
540	ORASOLV P	13
543	ORASOLV S1	13
544	ORASOLV T	16
546	ORANET B15	18
547	NETTOYANT CARROSSERIE	25
550	ORANGE SOLVENT	14
564	ORASOLV B30	12
564V	ORASOLV VEG 1	12
565	HUILE L 305	47
567	ORASOLV B40	12
568	ORASOLV A	16
571	ORASOLV B60	12
571V	ORASOLV VEG 2	12
575	ULTRA CLEAN	24
576	ORASOLV R2	16
576	ALCAPOUDRE	17
579	CODE 79	21
581	ORASOLV L2	13
582	NATUR'SOLV	13
585	DECAPANT	17
586	BRILLINOX	21
587	ANTIMOUSS	51
589	ACTI'SEPTYL	17
591	TUE FRELON	79
593	POLYSTAR	21
600	TM 900S	36
601	HT 600	35
602	CT 14	37
603	PATE SPRAY	34
604	LM 50	34
605	WSA	39
605I	WSAi	39
606	CTDMEP2	39
607	CT FLON	37
608	CT 4	36
609	CT 609	41
610	MOB 30	34
611	MOB 60	34
612	ENG CB 612	37
613	GRN	34
614	LM 20	34
615	CT 615	41
616	CT 830	39
617	CT 8EP	39
618	CT FLON AL	41
619	CT 1240	39
620	SITEF 2	43
621	SI 4	42
622	CT 622	41
625	CT 12 G	37
626	SITEF 1	43
628	CT 300	38
629	CT 51	38
630	CT 520	38
633	SI VIDE	42
634	GRAISSE A L'ARGENT	38
637	HT900	36
639	M1RB	41
640	BA	35
641	PC 195	36
643	NB	35
645	POUDRE PTFE	32
646	SI 20	42
647	HTCU	36
648	SI 450	42
649	SI 528	42
650	NZA MAT	74
651	SI ROBINET	42
652	SI 33	43
653	NZA MARINE	74
654	SITEF 3	43
657	VASCO	38
658	VASCO 15	38

N°	NAME	PAGE
659	WSA PB	40
660	M4	40
662	CT 662	41
663	G 105 X	46
665	CT 665	40
672	CT 630	42
674	M7	40
675	M6	40
679	COPA 1100	35
680	CT 140	37
683	CT 683	39
685	FLUORE 6	48
687	CT BIO	37
691	CT 691	38
698	CT 698	38
699	GALVA EXPRESS	74
700	MOLYSRAY	32
701	TEFLISS 2	32
702	GRAPHENE	32
704	VERGRAF	33
705	ORAFLOX	46
706	NZA B	74
707	ORAFLOX AL	47
708	CERASPRAY	78
710	NOIR PAINT	74
712	ORALU	74
714	SR 05	77
715	VERTRO	77
717	A 20 N	33
719	DILUANT VIMOS EMOS	14
720	EMOS 60	33
721	POUDRE 2115	32
724	OR 05	32
726	VIMOS 70	33
727	PROTOR MARINE	76
743	CT 143	37
744	RUST AND CONCRETE REMOVER	20
746	SILICONE V 7500	44
791	PROTOR SG 100 INCOLORE	76
799	REDUCE AL	9
800	REDUCE 4	9
801	DEGRILUB	9
802	CB 5	46
803	SILICONE SPRAY	44
804	PROTOR SG 100	76
805	WR+	9
806	CB 6	46
808	ANTIPERL ECO	78
808PMUC	ANTIPERL ECO	78
809	CTSI	42
810	FINE 121	47
811	ORATEN	47
812	SILAL	44
813	AV 33	23
815	REDUCE 2N	9
817	DEGRYP'BIO	9
819	DESUCR'OIL	47
822	ESIL 10/10	44
823	SIL 50/50	43
825	SILICONE V 300	44
830	FLUIDE 830	48
831	CB 831	45
831E	LUB CABLE	45
836	LUBRIFIANT 836	44
837	MOLIQ	46
838	PEI 35	47
840	G840	46
842	PROTOR 842	76
852	ORACOUX 252	51
854	ORACOUX 91	51
855	OLDUC 1227 SF	50
856C	FTS 230C	49
858	2000 NUCL NF	50
859	FILDUC 1879	50
860	DOPE 5BW	48
865	FTS 10 NU 19071	50
868	ORALUB 868	45
869	FTS 18	49
872	FTS 21	49
878	FTS 60	49
880	ORACOUX 11	51
882	ORACOUX 32	51
886	PATE TA 1800	50
892	ORACOUX 892	51
893	ORALUB 46	45
894	ORALUB 32	45
895	ORALUB 68	45
901	FAST LINE JAUNE	75
904	FILL CRACK	79
907	ICE MELT	79
909	FAST LINE BLANC	75

N°	NAME	PAGE
912	FILDUC BIODEGRADABLE	50
914	ANTIPERL WB	78
916	SOLSEC	79
935	ABSORBANT TDD	79
950	SOUFFLEUR	22
953	ADHERENT COURROIES	67
954	BLOC ROUILLE	78
956	CRACK DETECTOR BLANC	80
957	CRACK DETECTOR ROUGE	80
959	VSS POUDRE	24
962	ORATARTRE	20
963	ORAPHOS 50	21
964	ORAPHOS 60	21
967	PROTOR PL ROUGE	77
968	PROTOR PL INCOLORE	77
969	PROTOR AQUA	77
97X	SPECTRA COLOR	75
975	BLEU DE PRUSSE	80
2010	NANOLUBRICANT 2010	40
2015	NANOLUBRICANT 2015	35
2020	NANOLUBRICANT 2020	46
2021	NANOLUBRICANT 2021	48
2025	NANOLUBRICANT 2025	9
2026	NANOLUBRICANT 2026	48
2030	NANOLUBRICANT 2030	35
2035	NANOLUBRICANT 2035	40
2040	NANOLUBRICANT 2040	35
2045	NANOLUBRICANT 2045	40
2249	DIESEL BOOSTER	21
3000XX	CODEROUIL	74
4608	AQUAPEEL TS	77
5002	NET MOUSS	22
5152	OURAGAN	17
5153	ORANET B10	18
5162	O ABSORB	79
5163	NETFLUX	15
5164	DECOLETIK	15
5232	ORASOLV S 232	13
5325	ORANET M25	19
5325	ORARENOV	20
5327	ORAZYM	19
5382	ORASOLV 89 CLI 100	15
5432	ORASOLV S2	13
5492	NETGLACE ÉTÉ	25
5493	NETGLACE HIVER	25
5494	NET MOQUETTE	25
5496	NET CLIM	23
5802	ORANGE CREME +	24
5803	PRO GREEN	24
5805	ORAMOISS'	24
5820	COLZ'EMUL	15
5892	ACTI'SEPTYL PAE	17
5893	ERGASPRAY PRO	17
6092	CT 6092	41
6221	CT 6221	41
6412	L362	36
6642	DECAPANT PRO	17
7042	GRAPHITE WB	33
7272	PROTOR BITUM	76
8142	REDUCE A296	9
8287	VER L 149/7	33
9011	AQUATRON S-220	23
9030	CITRON GP	19
9031	COILTRON	23
9032	FLOOR PATCH 2	79
9062	MECAMATIC	18
9069	NU-COIL 101	23
9083	QUICK SOL HP	19
9092	SANITOR	22
9117	VAND'X	17
9502	SOUFFLEUR 2	22
9512	GIVREUR 2	22
9522	LEAK DETECTOR A288	80
15156	POUDRE NEUTRALISANTE	20
700070	FEUILLES 40*45 HYDROCARBURES	79
700071	FEUILLES 40*45 TOUS FLUIDES	79
700075	BOUDINS ABSORBANTS 8*120	79
700102	O DRY	79
A4423	EXTERIOR AIRCRAFT CLEANER	25
AK3912	METSOAK AK 3912	25
C015	FERAL	78
C027	DELICAL	20
C067	NOVAL	21
C429	SURFACTANT AMIANTE	79
C629	SOLVORANGE	14
C647	PROTECTEUR ARMES G.C	23
D3062	TAKRAG 1070XL	25
KS1801	QUICK WRAP	66
	FONTAINES	27 - 29
	MATERIEL	81

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