

**MANUFACTURER OF TECHNICAL AEROSOLS AND PRODUCTS FOR INDUSTRY
PROCESSES - MRO - MAINTENANCE
ALTERNATIVE SOLVENTS 100% SAFE**

Datasheet - Last update: 2025-02-04

**OIL FOR LONG-TERM PROTECTION AGAINST CORROSION
CREATES A FILM, DOES NOT DRY, THIN FILM CAN BE REMOVED BY ALL NORMAL
SOLVENTS
NEUTRALISES CORROSION GENERATED BY FINGER MARKS
PROTECT FL 200, PENETRATING, FOR COMPLEX SHAPE PIECES
PROTECT FL 100 BLUE, COLOURED BLUE, VISIBLE WHEN APPLIED
FOR PLANE FORMAT PIECES
NON-PENETRATING, NO STAINS WHEN RECOMMISSIONED
PROTECTION OF MOULDS, PRESS TOOLS BEFORE STORAGE, CUTTING TOOLS
iBiotec® PROTECT FL 200 - iBiotec® PROTECT FL 100 BLUE**

DESCRIPTION

PROTECT FL 200

Clean, colorless, not fat, this product is guaranteed free from silicone and ortho-phosphoric acid. It does not contain chlorinated solvents.
It protects effectively from corrosion and leaves a no fatty, non siccative film. Eliminates light or heavy hydrocarbons, avoids flashing, does not resinify.
Stable product with a remarkable surface tension.
Completely colorless, it improves working conditions. No photochemical reactivity.
Does not irritate.
Water repellent, usable on wet surfaces. Low vapor pressure, at maximal temperature use.
Compatible with all plastic materials and elastomers, does not damage paintings.
Recommended after metal forming with soluble oils.
Avoids spot problems due to the acidity of hands.

PROTECT FL 100 BLUE

Anti-corrosion fluid, grease-free, very weak odour
Stable, does not react to UV, does not desiccate.
Blue colour so that treated surfaces are visible.
Fluid formulation with very low surface tension for effective use on parts with complex geometry.

APPLICATIONS

Parts carried out by reproducing machines.
Precision parts.
Prototypes.
Molds.
Tools, stamping tools.
Bolt and screw manufacture, penstock, pins.
Machine tools slideways ungumming

Hinges, guides.
Columns, slideways.
Telescopic antennas.
Car body.
Frames.
General maintenance.
Protection of molds in foundry, glassmaking,

Pivots, axes.
 Push-pull cables.
 Electromechanical contacts.

plastic injection.
 Use in the Navy.

PHYSICO-CHEMICAL PROPERTIES TYPICALS

| PROPERTIES | STANDARD or METHOD | VALUES FL 200 | VALUES FL 100 BLUE | UNITS |
|-------------------------------|---------------------------|------------------|-----------------------|---------|
| Appearance | Visual | Fluid | Fluid | - |
| Colour | NF M 07.003 ASTM D 156 | Beige | Blue | - |
| Smell | Olfactory | light | No smell | - |
| Density at 20°C | ISO 12.155 | 810 | 778 | g/l |
| Utilisation temperature range | - | -10°C+100°C | -10°C+100°C | - |
| Surface tension at 20°C | ISO 6297 | 21.9 | 29.6 | dyne/cm |

ACTIVE SUBSTANCE PROPERTIES

| PROPERTIES | STANDARD or METHOD | VALUES FL 200 | VALUES FL 100 BLUE | UNITS |
|---|------------------------|-----------------------------------|-----------------------------------|----------------------|
| Kinematic viscosity at 40°C | NF EN 3104 | 55 | 120 | mm ² /sec |
| Self-combustion point | ASTM E 659 | >200 | >200 | °C |
| Acid index Ia | ISO 6618 | 0.0 | 0.0 | mg/(KOH)/l |
| Sulphated ash content | NFT 60,144 | 0.0 | 0.0 | % |
| Impurities content larger than 5 µm | FTMS 791 3005 | 0 | 0 | number/ml |
| Elastomer compatibility Dimensional variation 168 h at 40°C | FTM 791 | <0.5 | <0.1 | % |
| Environmental properties Octanol/Water bio accumulation sharing index accumulation sharing index | OECD 107 | <3 | <3 | log KOW |
| Danger category for water | WGK | Category 1 no danger for water | Category 1 no danger for water | category |
| Wet film thickness | Depth gauge | 150 | 300 | µm |
| Salt spray test | ISO 9227 ISO 4623-3 | 190 R15 | 200 | h - |

APPLICATION METHOD

Shake the can.

Spray on clean surfaces, at room temperature to about 25 cm surface to be treated.

Aerosol used in all positions.

PRESENTATIONS

EXPIRY DATE
EXTENDED TO
5
Years

| | | | |
|---|---|---|---|
|  <p>360°</p>  <p>3% FIREPROOF PROPELLANT 97% ACTIVE INGREDIENT</p> <p>LAST 3 TIMES MORE Atmospheric gas of natural origin non-flammable Guaranteed without Butane Propane VOC highly inflammable Guaranteed without HFC greenhouse effect fluorinated gas Directive F.Gaz 5017/2014</p>  <p>FINGERPRINT NEUTRALISATION AGENT</p> | <p>Aerosol 650 ml</p>  <p>iBiotec® PROTECT FL 200 FLUIDE ANTICORROSION - ANTIOXYDATION NON GRAS, NON SICCATIF, FILMOGENE</p> <p>FLUID CORROSION PROTECTION - OXIDATION PROTECTION NON-GREASY, NON-DRYING, FILM-FORMING</p> <p>FLÜSSIGKEIT ZUM SCHUTZ VOR KORROSION/OXIDATION NICHT FEITEND, NICHT TROCKNEND, FILMBILDEND</p> <p>FLUIDO ANTICORROSIONO - ANTIOSSIDANTE NO GRASSO, NON SECCANTE, FILMOGENO</p> <p>FLUIDO ANTICORROSIONO - ANTIOSSIDANTE NON UNGO, NON SECCA, FILMOGENO</p> <p>PIWY PRZECIWKOROZYJNY - PRZECIWNUTLENIAJĄCY MIEŁUBSTY PENETRACYJNY, TWORZĄCY POWŁOKĘ</p> <p>FLUIDO ANTICORROSIÃO - ANTIOXIDACIÃO NÃO GRUOSO, NÃO SECANTE, FILMOGENICO</p> <p>Filipe Technologies s.r.l. - Tec Industries spa srl</p> <p>www.productsipresurgence.com</p> <p>Tec Industries Service S.p.A. - Via S. Remy 13210 - 13210 Saint-Remy de Provence - France Tel. +33 (0)4 90 92 74 70 - Fax. +33 (0)4 90 92 32 32 www.ibiotec.fr</p> |  <p>360°</p>  <p>FINGERPRINT NEUTRALISATION AGENT</p> | <p>Aerosol 650 ml</p>  <p>Biotech PROTECT FL 100 BLUE FLUIDE ANTICORROSION</p> <p>TOUS MÉTAUX RÉPARABLE À LA DÉPÔSE</p> <p>ANTI-CORROSION FLUID ALL METALS VISIBLE WHEN APPLIED</p> <p>PIWY ANTYKOROZYJNY DO WIELKOCYFNY METALI WIDOCZNY PO NAŁOŻENIU</p> <p>ANTICORROSION PROFESSIONNELLE TOUS MÉTAUX REPARABLE À LA DÉPÔSE NEUTRALISATION AGENT</p> <p>Tec Industries Service S.p.A. - Via S. Remy 13210 - 13210 Saint-Remy de Provence - France Tel. +33 (0)4 90 92 74 70 - Fax. +33 (0)4 90 92 32 32 www.ibiotec.fr</p> |
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