

# iBiotec®

**PROTECT  
FL 200  
FL 100 BLUE**

## **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**

### **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

Pivots, axes.

Push-pull cables.

Electromechanical contacts.

Hinges, guides.

Columns, slideways.

Telescopic antennas.

Car body.

Frames.

General maintenance.

Protection of molds in foundry, glassmaking,

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
<b>ACTIVE SUBSTANCE PROPERTIES</b>				
PROPERTIES	STANDARD or METHOD	VALUES FL 200	VALUES FL 100 BLUE	UNITS
Kinematic viscosity at 40°C	NF EN 3104	55	120	mm <sup>2</sup> /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 RI5	200	h -

## APPLICATION METHOD

Shake the can.

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

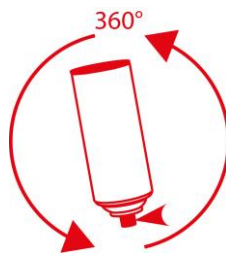
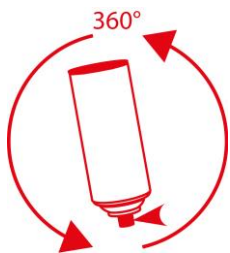
Aerosol used in all positions.

# PRESENTATIONS



Aerosol 650 ml

**"Guaranteed without HFC greenhouse effect"**



Non-flammable and inert propellant of natural origins  
3%

Amount of active substance contained in the aerosol  
97%



**FINGERPRINT NEUTRALISATION AGENT**



**FINGERPRINT NEUTRALISATION AGENT**



Item number 518113  
Safety data sheet 114288



Item number 516269  
Safety data sheet 114235

Guaranteed to be free of HFC 134a fluorinated greenhouse gas  
Guideline F Gases 517.2014

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AEROSOLS and TECHNICAL PRODUCTS **iBiotec®**



**iBiotec® 2 000** TECHNICAL PRODUCTS FOR ALL INDUSTRIES

USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS  
Consulter la fiche de données de sécurité.

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