

Technical Datasheet



Trade name : High-Performance Anti-Rust Oil
Reviewed: 06.11.2015
Date of print : 28.12.2015

Page : 1 of 1

Description

bio-chem High-Performance Anti-Rust Oil is a brown, liquid anti-corrosion oil that protects metals and machine parts before, during and after processing as well as during storage inside and outside of buildings. Special additives provide an exceptionally high neutralizing capacity, which guarantees reliable long-term protection even in the presence of aggressive media.

Protects semi-finished and finished products until further processing and assembly, seasonally operated devices and machines in the building sector, agriculture and forestry as well as municipal vehicles efficiently and reliably from corrosion.

bio-chem High Performance Anti-Rust Oil is free of chlorine and PCB and water-dispersing with excellent penetrating properties.

Corrosion tests:

- test in humidity chamber
- seawater immersion test
- hydrophobic and immersion test

Chemical characterisation

Corrosion oil based on mineral oil. Containing corrosion inhibitors.

Classification according to Regulation (EC) No.1272/2008 [CLP]

EUH208 Contains BENZENESULFONIC ACID, PROPENATED, CALCIUM SALT, OVERBASED. May produce an allergic reaction.

Transport information

ADR : -

Water hazard class (Classification according to VwVwS)

Water hazard class : 1 (Slightly hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

-

Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

Just spray bio-chem High-Performance Anti-Rust Oil onto the surface and let it dry. It is as well very good for use in immersion baths, for hollow structures at temperatures around 20 °C to 25 °C.

Technical data

Appearance :	Liquid	Solidifying temperature :	-27 °C
Colour :	brown	Ignition temperature :	not applicable
Odour :	characteristic	Upper explosion limit :	6,5 Vol.-%
Boiling temperature :	not applicable	pH-value :	not applicable
Flash point :	210 °C	Water solubility :	insoluble
Lower explosion limit :	0,6 Vol.-%	VOC (CH) :	0 Wt %
Density (20 °C) :	0,89 g/cm ³		
Viscosity (40 °C) :	ca. 29,5 mm ² /s		
VOC (EG) :	0 Wt %		

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 30 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 12

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product	Waste code acc. EWC/AVV for packaging
12 01 07 mineral-based machining oils free of halogens (except emulsions and solutions)	15 01 02 plastic packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

B50013	500 ml PET bottle with trigger – TU: 20 x 500 ml (1 box)
B01013	10 l Jerry can
B03013	30 l Jerry can

(EN)