

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 21.09.2011

1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name: ANTICORIT DFW 8301 20L PLA
- Relevant identified uses of the substance or mixture and uses advised against
No uses advised against identified.
- Application of the substance / the preparation: Anticorrosion product
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
FUCHS EUROPE SCHMIERSTOFFE GMBH EXPORT DIVISION
Friesenheimer Str. 15
D-68169 Mannheim
Tel: ++49 (0)621/3701-0 (Switch Board)
Fax: ++49 (0)621/3701-570
- Informing department:
Product safety department
Tel: +49 (0)621 3701-1333 or -1313
Fax: 0621/3701-7303
E-Mail: Produktsicherheit@fuchs-europe.de
- Emergency telephone number:
Tel: +49 (0)621 3701-1333 or +49 (0)621 3701-0 (Switch Board)

2 Hazards identification

- #Classification# of the substance or mixture
- Classification according to #Directive 67/548/EEC or Directive 1999/45/EC#
Pay attention when handling mineral oil products which contain volatile components with a flashpoint <55°C. The normal precautions acc. to handling (item 7) and safety equipments (item 8) have to be kept.
By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.
Xn Harmful
R65
- Information concerning particular hazards for human and environment:
Can form flammable vapour-air mixtures during the application.
This product is water polluting; see item 12.
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- #Label# elements
- Labelling according to EU guidelines:
Observe the normal safety regulations when handling chemicals or mineral oil products.
The product is subject to identification regulations under EC

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Directives until 2008/1272/EC (1. CLP-ATP) and the Ordinance on Hazardous Materials.

- Code letter and hazard designation of product: Xn Harmful
- Hazard-determining components of labelling: Isoparaffines, low viscous
- Risk phrases: 65 Harmful: may cause lung damage if swallowed.
- Safety phrases:
 - 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- Other hazards
- Results of PBT and vPvB assessment
 - PBT: Not applicable.
 - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture based on severely refined mineral base oils and corrosion preventive agents in volatile hydrocarbons with a flashpoint below 55°C.

Dangerous components / Hazard communications /	Concentration range %
Isoparaffines, low viscous	50-99 %

Xn R65

R66

EINECS: 292-459-0

Glycol derivative

1-2.4 %

Xi R36

EINECS: 203-961-6

Ca Sulphonate

1-2.4 %

Xi R38

EINECS: 298-637-4

phenolic antioxidant

0.1-1 %

N R50/53

EINECS: 204-881-4

- Additional information

For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- Description of first aid measures
- General information
 - Change clothes and shoes contaminated or soaked by the product.
 - Never put rags contaminated by the product into cloth-pockets.
- After inhalation Seek medical treatment in case of complaints.
- After skin contact
 - Wash with water and soap; pay attention: skin degreasing product.

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- After eye contact
Rinse opened eye for several minutes under running water.
- After swallowing
Do not induce vomiting; instantly call for medical help.
- Information for doctor
- Most important symptoms and effects, both acute and delayed
Headache
- Indication of any immediate medical attention and special treatment needed
 - No further relevant information available.

5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- For safety reasons unsuitable extinguishing agents
Water with a full water jet.
- Special hazards arising from the substance or mixture
Can form explosive vapor-air mixtures at higher temperatures.
- Advice for firefighters
- Protective equipment:
In case of fire fighting: wear self containing breathing apparatus
- Additional information Cool endangered containers with water spray jet.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Particular danger of slipping on leaked/ spilled product.
Keep away from ignition sources
- Environmental precautions:
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
Prevent from spreading (e.g. by binding or oil barriers).
Do not allow to enter the ground/ soil.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- Reference to other sections
 - See Section 8 for information on personal protection equipment.

7 Handling and storage

- Handling
The precautions for storing and handling of flammable liquids have to be kept.

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- Precautions for safe handling
 - Prevent formation of aerosols.
 - Use only in well ventilated areas.
 - Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
 - Do not eat, drink or smoke when working with the product.
 - Take usual precautions when handling mineral oil products or chemical products.
- Information about protection against explosions and fires:
 - Do not heat up to temperatures close to the flash point.
- Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and containers:
 - No special requirements.
- Information about storage in one common storage facility:
 - Store away from foodstuffs.
 - Local regulations concerning common storage of flammable liquids have to be observed.
- Further information about storage conditions:
 - Local regulations concerning handling and storage of water polluting products have to be followed.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems:
 - No further data; see item 7.
- Control parameters
- Components with critical values that require monitoring at the workplace:
 - Paraffin waxes and Hydrocarbon waxes
 - WEL: Short-term value: 6 mg/m³
 - Long-term value: 2 mg/m³
 - Glycol derivative
 - WEL: Short-term value: 101.2 mg/m³, 15 ppm
 - Long-term value: 67.5 mg/m³, 10 ppm
- CAS No. Designation of material % Type Value Unit
- Local regulations for critical values at the workplace are to be kept.
- Additional information:
 - The lists that were valid during the compilation were used as basis.
- Exposure controls
- Personal protective equipment
- General protective and hygienic measures
 - The usual precautionary measures should be adhered to in handling

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the chemicals and the mineral oil products.

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Avoid close or long term contact with the skin.

Use skin protection cream for preventive skin protection.

- Breathing equipment:

Use breathing protection in case of insufficient ventilation.

- Protection of hands: Protective gloves and protective skin cream.

- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- For the permanent contact gloves made of the following materials are suitable:

Fluorocarbon rubber (Viton)

- Eye protection: Safety glasses recommended during refilling.

- Body protection: Protective work clothing.

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

- Form: Fluid

- Colour: Yellow

- Smell: Characteristic

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	Value/Range	Unit	Method
• Change in condition			
• Melting point/Melting range:	Not determined		
• Boiling point/Boiling range:	not applicable or not determined		
• Flash point:	72 ° C		EN ISO 2592
• Self-inflammability:	Product is not selfigniting.		
• Danger of explosion:	Product is not explosive.		
• Density	at 15 ° C	0.8 g/cm ³	DIN 51 757
• Solubility in / Miscibility with			
• Water:	Not miscible or difficult to mix		
• Viscosity or Consistency-Class:			

- Change in condition

- Melting point/Melting range:

- Boiling point/Boiling range:

- Flash point:

72 ° C

EN ISO 2592

- Self-inflammability:

Product is not selfigniting.

- Danger of explosion:

Product is not explosive.

- Density

at 15 ° C

0.8 g/cm³

DIN 51 757

- Solubility in / Miscibility with

- Water:

Not miscible or difficult to mix

- Viscosity or Consistency-Class:

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- kinematic: at 20 ° C 4 mm²/s DIN 51 562
- Other information No further relevant information available.

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Possibility of hazardous reactions
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products:
No dangerous decomposition products known

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect known.
 - on the eye: No irritant effect known.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Harmful

12 Ecological information

- Toxicity
Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
 - No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential
No data available
- Mobility in soil No further relevant information available.
- Ecotoxicological effects:
- Behaviour in sewage processing plants:
The product swims on the water surface.
- Additional ecological information:
- General notes:
German Water Endangering Class 1 (Self-assessment): slightly hazardous
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for water.

Do not allow to reach ground water, water bodies or sewage system.

- Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed.

Delivery of waste oil only to officially authorized collectors.

- European waste catalogue

07 06 04*: other organic solvents, washing liquids and mother liquors

- Uncleaned packagings:

- Recommendation:

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packagings have to be disposed according to the local regulations.

EWC 15 01 02 bzw. 15 01 04.

14 Transport information

- UN-Number
- ADR -
- ADN -
- IMDG -
- IATA -
- UN proper shipping name
- ADR -
- ADN -
- IMDG -
- IATA -
- Transport hazard class(es)
- ADR -
- Class -
- ADN/R Class: -
- IMDG -
- Class -
- IATA -
- Class -
- Packing group

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- ADR -
- IMDG -
- IATA -
- Environmental hazards:
- Marine pollutant: No
- Special precautions for user Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 - Not applicable.
- Transport/Additional information:
No dangerous good acc. to dangerous goods/ transport directions.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- German Water Hazard Class:
Water Engangering Class 1 (Self-assessment): slightly hazardous for water.
Substances of very high concern (SVHC) according to REACH, Article 31 out of the recent list: none

16 Other information

All ingredients are listed in the European Inventories. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet is a safety data sheet according to 1907/2006/EC, article 31. For products which are not subject to classification according to EU lists this data sheet is made on a voluntary base.

- Relevant phrases
 - R36 Irritating to eyes.
 - R38 Irritating to skin.
 - R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 - R65 Harmful: may cause lung damage if swallowed.
 - R66 Repeated exposure may cause skin dryness or cracking.

- Department issuing data specification sheet:
FUCHS EUROPE SCHMIERSTOFFE GMBH Export Division
Product Safety Departement

- Contact:
Product Safety Departement:
Tel: +49(0)621 3701-1333 Frau Ehrenfeld

- Validity:
With this latest edition of this MSDS all former editions are not

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valid any longer.

Changed items are marked with "*".

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