

EC-Safety Data Sheet

according to Regulation (EC) 1907/2006 (REACH/GHS)

DORMER Schneidöl M200 Nr.1 (M2000.25NR.1BLUE, M2001.0NR1.BLUE, M2005.0NR1.BLUE)

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1 product and company identification

name of substance: DORMER Schneidöl M200 Nr.1 (M2000.25NR.1BLUE, M2001.0NR1.BLUE, M2005.0NR1.BLUE)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Lubricant

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: Wunsch Öle GmbH, Halskestr. 6, 40880 Ratingen

person in charge: Udo Wunsch, Mail: udo.wunsch@wunsch-oele.de

1.4. Emergency telephone number

emergency number: +49-2102-490000 (24h)

2 hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP] : Aquatic Chronic 3 ; H412 -

Hazardous to the aquatic

environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.



2.2 Label Elements

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

- Hazard statements

H412: Harmful to aquatic life with long lasting effects.

- Precautionary statements

P273: Avoid release to the environment.

- Special rules for supplemental label elements for certain mixtures

EUH208: Contains Sulfonic acids, Petroleum, Calcium Salts, Oil soluble ; Benzenesulfonic acid,

mono-C16-24-alkyl derivs,calcium salts.May produce an allergic reaction.

2.3 Other hazards

None

3 composition / information of ingredients

3.2 Mixtures

- Description

Base oil with additives.

- Hazardous ingredients

Distillates (petroleum), solvent-dewaxed light paraffinic ;

REACH registration No. : 01-2119480132-48 ;

EC No. : 265-159-2;

CAS No. : 64742-56-9

Weight fraction : >= 25 - < 50 %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

Di-tert-dodecyl polysulfide ;

EC No. : 270-335-7;

CAS No. : 68425-15-0

Weight fraction : >=1 - < 10 %

Classification 1272/2008 [CLP] : Aquatic Chronic 4 ;

H413

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Zinc-bis[0,0-bis(2-ethylhexyl)]bis(dithiophosphate) ;
REACH registration No. : 01-2119493635-27 ;
EC No. : 224-235-5;
CAS No. : 4259-15-8
Weight fraction : >= 1 - < 10 %
Classification 1272/2008 [CLP] : Eye Dam. 1 ;
H318 Aquatic Chronic 2 ;
H411

Benzenesulfonic acid,C10-16-alkyl derivs.,calcium salts ;
EC No. : 271-529-4;
CAS No. : 68584-23-6
Weight fraction : >= 0 - < 1 %
Classification 1272/2008 [CLP] : Skin Sens. 1B ;
H317

Sulfonic acids, Petroleum, Calcium Salts, Oil soluble ;
REACH registration No. : 01-2119488992-18-0000 ;
EC No. : 263-093-9;
CAS No. : 61789-86-4
Weight fraction : >= 0,1 - < 1 %
Classification 1272/2008 [CLP] : Skin Sens. 1B ;
H317

Benzenesulfonic acid, mono-C16-24-alkyl derivs,calcium salts ;
EC No. : 274-263-7;
CAS No. : 70024-69-0
Weight fraction : >= 0,1 - < 1 %
Classification 1272/2008 [CLP] : Skin Sens. 1B ;
H317

- Additional information
- Full text of H- and EUH-phrases: see section 16.

4 first aid measures

4.1 Description of first aid measures

- General
Immediately remove all contaminated clothing.
- After inhalation
No particular measures required. Let in fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.
- After skin contact
Wash away with soap and water and rinse.
- After eye contact
Remove contact lenses, keep eyelids open. Flush with plenty of water.
After first aid treatment immediately seek medical advice.
- After ingestion
Do not induce vomiting. After first aid treatment immediately seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None

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5 fire fighting measures

5.1 Extinguishing media

- Suitable extinguishing media
Water spray jet, foam, extinguishing powder. Carbon dioxide (CO₂). Sand. Adapt extinguishing measures to suit the environment.
- Unsuitable extinguishing media
Waterjet.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO). Carbon dioxide (CO₂). Oxides of nitrogen (NO_x).

5.3 Advice for firefighters

Appropriate breathing apparatus may be required

5.4 Additional information

Do not allow the quenching water into the sewage system

6 accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Take the precautions customary when handling chemicals

6.2 Environmental Precautions

Do not empty into waters or drains

6.3 Methods and material for containment and cleaning up

Caution: Slipping.

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

None

7 handling and storage

7.1 Precautions for safe handling

- Information for safe handling
This product is unlikely to harm health, given normal and proper handling and hygienic precautions. Avoid contact with skin and eyes. Do not inhale the vapour. Provide for fresh air ventilation. Breathing protection equipment required in inadequately ventilated places and during spraying.
- Information about protection against explosions and fires
No particular measures required

7.2 Conditions for safe storage, including any incompatibilities

- Requirements to be met by storerooms and containers
In accordance with local official regulations. The product is water polluting.
- Information about separation of incompatible products
No special requirements. Reaction with oxidizing agents possible.
- Further information about storage conditions
Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Observe recommended storage temperature. 5°C - 40°C . Shelf life (at least): 12 months .
Storage class : 10
Storage class (TRGS 510) : 10

7.3 Specific end use(s)

None

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8 exposure controls / personal protection

8.1 Control Parameters

Under non-conventional conditions oil mist can evolve. The following country specific limits are valid in this case: Finland: 5 mg/m³, Sweden: 5 mg/m³, USA: 5 mg/m³. The MAK value for cooling lubricants (sum of aerosol and fumes): 10mg/m³ air.

HOCHRAFFINIERTES SOLVENTNEUTRALÖL ; CAS-No. : 64741-89-5

Specification : TWA (EC)

Value : 5 mg/m³

Version date :

8.2 Exposure controls

- Personal protective equipment.
- General protective and hygiene measures
Avoid contact with skin and eyes. Do not inhale the vapour. Immediately remove all contaminated clothing. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuff. The usual precautionary measures for the handling of chemicals have to be observed.
- Respiratory protection
Provide for good ventilation. Breathing protection equipment required in inadequately ventilated places and during spraying.
- Hand protection
Use protective gloves. Nitrile: thick 0,4 mm, break trough time > 240 min. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. Use appropriate skin protection cream before work.
- Eye protection
Use safety glasses.
- Body protection:
General protective and hygiene measures
- Additional information about engineering measures
Refer to protective measures listed in sections 7 and 8.

9 physical and chemical properties

9.1 Information on basic physical and chemical properties

Image

Form : Liquid.

Colour : blue

Odour : Characteristic

Relevant safety data

Flash point : 175 °C

Stockpunkt - Fließpunkt - pour point : < -30 °C

Danger of explosion: formation of explosive mixture possible

Density : (20 °C) ca. 0,93 g/cm³ DIN 51757

Solubility in / Miscibility with Water: Insoluble

PH value : (23 °C / 50 g/l) not applicable DIN 51 369

Viscosity kinematic: (40 °C) = 28 mm²/s DIN 51562

9.2 Other information

Product is not explosive. However, formation of explosive air/vapour mixtures are possible

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10 stability and reactivity

10.1 Reactivity

There are no data available on the product itself

10.2 Chemical Stability

There are no data available on the product itself

10.3 Possibility of Hazardous Reactions

There are no data available on the product itself

10.4 Conditions to Avoid

Stable under recommended storage and handling conditions (See section 7).

10.5 Incompatible Materials

Strong oxidizers

10.6 Hazardous Decomposition Products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen

11 toxicological information

11.1 Information on toxicological effects

- Primary irritant effect

Skin contact: frequent and prolonged skin contact may cause irritation and skin inflammation. Eye contact: irritation.

- Sensitization

None known.

11.2 Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

Ecotoxicological effects : None known.

Aquatic toxicity : None known

12 ecological information

12.1 Toxicity

There are no data available on the product itself

12.2 Persistence and Degradability

There are no data available on the product itself

12.3 Bioaccumulative Potential

There are no data available on the product itself

12.4 Mobility in Soil

There are no data available on the product itself

12.5 Results of PBT and vPvB assessment

There are no data available on the product itself

12.6 Other Adverse Effects

There are no data available on the product itself

12.7 Additional information

Do not empty into waters or drains.

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13 disposal considerations

13.1 Waste treatment methods

- Recommendation
Remove in accordance with regulations. Do not empty into waters or drains.
- Waste key
ASN 12 01 07: mineral-based machining oils free of halogens (except emulsions and solutions).
- Contaminated packaging
Contaminated packaging must be emptied of all residues and may be sent to a recycling plant.
Uncleaned packaging must be disposed of in the same manner as the medium.
Recommendation
In accordance with local official regulations

14 transport information

- 14.1 UN number
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
- 14.2 UN proper shipping name
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
- 14.3 Transport hazard class(es)
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
- 14.4 Packing group
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
- 14.5 Environmental hazards
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
- 14.6 Special precautions for user
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport

15 regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information
Water pollution classification
Class : 2 Classification according to VwVwS

15.2 Chemical safety assessment

There are no data available on the product itself.

16 other information

- R-Phrases of components
 - 41 Risk of serious damage to eyes.
 - 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 - 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 - 53 May cause long-term adverse effects in the aquatic environment.
- GHS Hazard statements of components
 - H304 May be fatal if swallowed and enters airways.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H411 Toxic to aquatic life with long lasting effects.
 - H412 Harmful to aquatic life with long lasting effects.
 - H413 May cause long lasting harmful effects to aquatic life

Further information: Above information corresponds to our present knowledge and experience. It is not a guarantee that no errors or incomplete data may be contained.