

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : DORMER Schneidöl M200 Nr.1
Revision : 21.02.2017
Print date : 20.01.2020

Version (Revision) : 2.0 / 21.02.2017

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

1.1 Product identifier

DORMER Schneidöl M200 Nr.1

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

Lubricant and lubricant additive Lubricants, greases, release products (cooling grease) . (cooling grease)

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Wunsch Öle GmbH

Street : Am Sportplatz 7

Postal code/city : 40882 Ratingen

Telephone : +49 21 02 49 00 00

Telefax : +49 21 02 49 00 10

1.4 Emergency telephone number

Emergency number: +49 21 02 49 00 00 (24h)

SECTION 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

SECTION 3: Composition/information on 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 : $\geq 25 - < 50$ %

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

Di-tert-dodecyl polysulfide ; EC No. : 270-335-7; CAS No. : 68425-15-0

Weight fraction : $\geq 1 - < 10$ %

Classification 1272/2008 [CLP] : Aquatic Chronic 4 ; H413

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 : $\geq 1 - < 10$ %

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 : $\geq 0 - < 1$ %

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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 : $\geq 0,1 - < 1 \%$

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 : $\geq 0,1 - < 1 \%$

Classification 1272/2008 [CLP] : Skin Sens. 1B ; H317

Additional information

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

3.3 Additional information

Highly refined mineral oil (IP 346 DMSO extract < 3%).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately.

Following inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

Wash immediately with: Water and soap .

After eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Wash with plenty of water. Call a physician immediately.

After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Respiratory complaints , Headache , Dizziness , Nausea .

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet , Foam , Extinguishing powder , Carbon dioxide (CO₂) , Sand .

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet .

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon dioxide (CO₂) , Nitrogen oxides (NO_x). Sulphur oxides Carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Use suitable breathing apparatus.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Provide fresh air.

Avoid contact with skin, eyes and clothes.

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Special danger of slipping by leaking/spilling product. Take up mechanically. Disposal: see section 13 .

For cleaning up

Take up with oil-absorbing compound.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No hazardous reaction when handled and stored according to provisions. (Health hazards : None) . Avoid contact with skin, eyes and clothes.

Do not breathe vapour/aerosol. Provide fresh air.

Respiratory protection necessary at: generation/formation of aerosols , insufficient ventilation , insufficient exhaust .

Protective measures

Measures to prevent aerosol and dust generation

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials

Zinc

Requirements for storage rooms and vessels

Dispose according to legislation. Do not allow to enter into surface water or drains.

Hints on joint storage

Possibility of hazardous reactions : Oxidising agent .

Further information on storage conditions

Keep/Store only in original container. Notice the directions for use on the label.

Do not store at temperatures below : 0 °C .

Recommended storage temperature : 5 °C - 40 °C .

Protect against : Protect against direct sunlight. Keep away from heat.

Storage stability : 24 months (5 °C - 40 °C) 24

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

See protective measures under point 7 and 8.

Personal protection equipment

General health and safety measures No special measures are necessary.

Eye/face protection

Additional eye protection measures : Wear eye/face protection.

Skin protection

Hand protection

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Tested protective gloves must be worn Breakthrough time (maximum wearing time) : 4 hours (NBR (Nitrile rubber) , Thickness of the glove material : 0,4 mm) . See information supplied by the manufacturer.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Fresh air masks are recommended, or combination filters A2-P2 for works of short duration.

General health and safety measures

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

liquid

Physical state : liquid

Colour : blue

Odour

characteristic

Safety relevant basis data

Melting point/melting range :		not applicable	Literature value
Decomposition temperature :		not determined	
Flash point :		175 °C	
Stockpunkt - Fließpunkt - pour point :	<	-30 °C	
Lower explosion limit :		not determined	
Upper explosion limit :		not determined	
Danger of explosion:		formation of explosive mixture possible	
Density :	(20 °C)	0,93 g/cm ³	DIN 51757
Relative density :	(20 °C)	not determined	
Solubility in / Miscibility with Water:		Insoluble	
pH :	(23 °C / 50 g/l)	not applicable	DIN 51 369
pH-Wert, Konzentration unbestimmt oder bei Sättigungskonzentration :	(20 °C)		
log P O/W :		not determined	
Viscosity kinematic:	(40 °C)	28 mm ² /s	DIN 51562
Odour threshold :		not determined	
Relative vapour density :	(20 °C)	not determined	
Vapourisation rate :		not determined	
Oxidising liquids :	Not oxidising.		

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Oxidising agent, strong.

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10.6 Hazardous decomposition products

Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours.
Hazardous decomposition products : Carbon monoxide Carbon dioxide, aldehydes, Ketone , Sulphur oxides , Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (Distillates (petroleum), solvent-dewaxed light paraffinic ; CAS No. : 64742-56-9)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/m ³
Parameter :	LD0 (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Oral
Species :	Mouse
Effective dose :	= 12,5 ML/KG
Parameter :	LD50 (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Oral
Species :	Mouse
Effective dose :	= 45000 mg/kg
Parameter :	LD50 (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Oral
Species :	Rat
Effective dose :	19,5 g/kg
Parameter :	NOAEL (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Oral
Species :	Rat
Effective dose :	= 1000 mg/kg
Exposure time :	Tage
Parameter :	LD50 (Zinc-bis[0,0-bis(2-ethylhexyl)]bis(dithiophosphate) ; CAS No. : 4259-15-8)
Exposure route :	Oral
Species :	Rat
Effective dose :	3100 mg/kg

Acute dermal toxicity

Parameter :	LD50 (Distillates (petroleum), solvent-dewaxed light paraffinic ; CAS No. : 64742-56-9)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Parameter :	LD0 (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Dermal
Species :	Rat
Effective dose :	= 2000 mg/kg
Parameter :	LD50 (Zinc-bis[0,0-bis(2-ethylhexyl)]bis(dithiophosphate) ; CAS No. : 4259-15-8)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	5001 mg/kg

Acute inhalation toxicity

Parameter :	LC50 (Distillates (petroleum), solvent-dewaxed light paraffinic ; CAS No. : 64742-56-9)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 5,53 mg/l
Parameter :	LC50 (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 15,5 mg/l
Exposure time :	4 h

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Irritant and corrosive effects

Primary irritation to the skin

Practical experience/human evidence

No hazardous reaction when handled and stored according to provisions. (Health hazards : None known.)

Irritation to eyes

Parameter : Irritation to eyes (Zinc-bis[0,0-bis(2-ethylhexyl)]bis(dithiophosphate) ; CAS No. : 4259-15-8)
Species : Rabbit
Effective dose : >= 50 %
Exposure time : 72 h

Sensitisation

No information available.

SECTION 12: Ecological information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

12.1 Toxicity

Aquatic toxicity

Acute (short-term) algae toxicity

Parameter : EC50 (Zinc-bis[0,0-bis(2-ethylhexyl)]bis(dithiophosphate) ; CAS No. : 4259-15-8)
Species : Daphnia
Effective dose : 1 - 10 mg/l

Bacteria toxicity

Parameter : Bacteria toxicity (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Species : Pseudomonas putida
Evaluation parameter : Bacteria toxicity
Effective dose : 10000 mg/l

12.2 Persistence and degradability

Biodegradation

Parameter : Biodegradation (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Inoculum : Biodegradation
Evaluation parameter : Aerobic
Effective dose : 0 %
Exposure time : 28 Tage

12.3 Bioaccumulative potential

Parameter : Partition coefficient n-octanol /water (log P O/W) (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Partition coefficient n-octanol /water (log P O/W)
Partition coefficient n-octanol /water (log P O/W)
Concentration : > 6,2

12.4 Mobility in soil

Adsorption/Desorption

Parameter : Mobility in soil (Di-tert-dodecyl polysulfide ; CAS No. : 68425-15-0)
Inoculum : Mobility in soil
Evaluation parameter : Mobility in soil
Effective dose : 1,18 Pam³/mol

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Do not allow to enter into surface water or drains.

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13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

130208

Properties of waste which render it hazardous

Ecotoxic.

Waste treatment options

Appropriate disposal / Product

ASN 12 01 07: mineral-based machining oils free of halogens (except emulsions and solutions). Send to a physico-chemical treatment facility under observation of official regulations.

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

Other disposal recommendations

Dispose according to legislation. Do not allow to enter into surface water or drains.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

14.8 Additional information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation

REACH Regulation – the European Parliament and Council Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

CLP Regulation – the European Parliament and Council Regulation (EC) No 1272/2008 concerning reclassification, labelling and packaging of substances and mixtures

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP] .

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

For further information refer to our technical data sheet.

16.1 Indication of changes

01. Relevant identified uses · 02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 03. Composition / Information on ingredients - Additional information · 06. Methods and material for containment and cleaning up - For cleaning up · 07.

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Protective measures - Measures to prevent aerosol and dust generation · 07. Packaging materials · 07. Further information on storage conditions - Storage stability · 08. Respiratory protection · 09. Physical state · 13. Waste code product · 13. Appropriate disposal / Product · 13. Properties of waste which render it hazardous

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

16.6 Training advice

None

16.7 Additional information

Please refer to our internet website for more information: See section 1.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
