

HIGH PERFORMANCE

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier - Identification of the substance or mixture -
Dormer Supercut High Performance

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

Metal working fluid
Industrial uses

1.3 Details of the supplier of the safety data sheet supplier
(manufacturer/importer/downstream user/distributor)

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1.4 Emergency telephone number: 0870 850 4466
(weekdays 09.00 – 17.00 hrs GMT)

SDS issue 3: 21/02/2018 replaces issue 2 (04/03/2015)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture


Classification according to Regulation (EC) No. 1272/2008 [CLP]:
This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Eye Irrit. 2 / H319 - Serious eye damage/eye irritation: Causes serious eye irritation.

Aquatic Chronic 3 / H412 - Hazardous to the aquatic environment:
Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms:  Warning

Hazard statements:

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

contains: n.a.

Supplemental Hazard information (EU):

EUH208 - Contains N-phenyl-1-naphthylamine. May produce an allergic reaction.

2.3. Other hazards - None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures - Product description / chemical characterization

Description contains: mineral oil, EP-additives, chlorine-free and adjuvants

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

EC No.	REACH No.	Chemical name	Wt %
INDEX No.	Classification:		
270-335-7	01-2119540516-41		
68425-15-0	Polysulfide		
	Aquatic Chronic 4 H413		10 < 25
274-263-7	01-2119492616-28		
70024-69-0	alkylbenzene sulfonate, calcium salt		
	Eye Irrit. 2 H319		5 < 10
263-093-9	01-2119488992-18		
61789-86-4	Sulfonate of alkaline earth		
	Eye Irrit. 2 H319		1 < 2,5
271-529-4	01-2119492627-25		
68584-23-6	alkylbenzene sulfonate, calcium salt		
	Eye Irrit. 2 H319		1 < 2,5
201-983-0	01-2119488764-27		
90-30-2	N-phenyl-1-naphthylamine		
	Acute Tox. 4 H302 / Skin Sens. 1 H317 /		
	Aquatic Acute 1 H400 / STOT		
	RE 2 H373 / Aquatic Chronic 1 H410		0,25 < 1

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation: Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact: Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media - Foam, dry powder, CO2
For safety reasons inappropriate extinguishing methods: Water

5.2. Special hazards arising from the substance or mixture

- In case of fire sulphur oxides may be formed.

Inhaling hazardous decomposing products can cause serious health damage.

5.3. Special protective equipment for fire-fighters

- Provide a conveniently located respiratory protective device.

Additional information

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- See protective measures under point 7 and 8.

6.2. Environmental precautions

- Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

- Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13).

6.4. Reference to other sections

- Observe protective provisions (see chapter 7 and 8).

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Advices on safe handling - When using do not eat, drink or smoke. Avoid unnecessary contact. Avoid release to the environment.

Precautions against fire and explosion - See chapter 9 for flashpoint!

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels - Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSIVO). Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. According to the regional regulations.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 35 °C. Protect from heat and direct sunlight.

7.3. Specific end use(s)

- Observe technical data sheet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values:

EC No.	Description	type	Limit value	Unit
CAS No.	STE	L (EC)	TW	A (EC)

Additional information

TWA : long-term occupational exposure limit value
STEL : short-term occupational exposure limit value
Ceiling : peak limitation

8.2. Exposure controls

- Provide good ventilation. This can be achieved with local or room suction.

Occupational exposure controls:

Respiratory protection

Do not breathe gas/vapour/aerosol.
Respiratory protection necessary at: aerosol or mist formation and insufficient exhaust

Filtering Half-face mask (DIN EN 149): P2 . Usually no personal respirative protection necessary.

Hand protection - For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber) PVC (Polyvinyl chloride) CR (polychloroprene, chloroprene rubber) Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection - Wear closely fitting protective glasses in case of splashes.

Protective clothing - Apron

Protective measures - After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls - Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:

Physical state	liquid
Colour	brown
Odour	typical

Safety relevant basis data	Measured values / Unit	Method	Remark
Flash point: ca.	> 190 °C	ISO 2592	
Ignition temperature in °C	n.a.		
Lower explosion limit	0,6 Vol-%		literature value
Upper explosion limit	6,5 Vol-%		literature value
Density at 20 °C: ca.	0,975 g/cm ³	DIN 51757	
Water solubility (g/L)	insoluble		
pH at 20 °C (Wt %): ca.	n.a.	DIN 51369	
Viscosity at 40 °C: ca.	95	mm ² /s DIN 51562/1	
Initial boiling point and boiling range : ca.	n.b.		
Pourpoint: <=	-14 °C	ISO3016	

9.2 Other Information

- n/a

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability - Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions - Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid - Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.5. Incompatible materials - No special

10.6. Hazardous decomposition products - Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. Sulfur oxide

Additional information - The product is free from chlorine, PCB and PCT.

SECTION 11: TOXICOLOGICAL INFORMATION

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] No data on preparation itself available.

11.1 Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Due to its chemical composition it is expected that the product has an irritating effect on eyes and skin in case of contact.

Other observations:

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP. There is no information available on the preparation itself.

SECTION 12: ECOLOGICAL INFORMATION

Overall evaluation

Mineral oil / hydrocarbon product --

The product may cause a long-term damage to the environment
Classification according to Regulation (EC) No. 1272/2008 [CLP] There is no information available on the preparation itself.

Do not allow to enter into surface water or drains.

12.1. Toxicity - No information available.

Long-term Ecotoxicity - Toxicological data are not available.

12.2. Persistence and degradability - Toxicological data are not available.

12.3. Bioaccumulative potential - Toxicological data are not available. Bioconcentration factor (BCF) Toxicological data are not available.

12.4. Mobility in soil - Toxicological data are not available.

12.5. Results of PBT and vPvB assessment - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Appropriate disposal / Product Recommendation - Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC - 120107 mineral-based machining oils free of halogens (except emulsions and solutions)

Packaging Recommendation - Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: TRANSPORT INFORMATION

No dangerous good in sense of this transport regulation.

14.1. UN number - n.a.

14.2. UN proper shipping name

14.3. Transport hazard class(es) - n.a.

14.4. Packing group - n.a.

14.5. Environmental hazards - n.a.

Land transport (ADR/RID) - n.a.

Marine pollutant - n.a.

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information:

Land transport (ADR/RID) - Tunnel restriction code

Sea transport (IMDG) - EmS-No. - n.a.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code - not applicable

SECTION 15: REGULATORY INFORMATION

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

EU legislation

National regulations

Restrictions of occupation - Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

Substance/product listed in the following inventories:

All ingredients are listed in or exempt from the EPA Toxic Substance Control Act (TSCA)

15.2. Chemical Safety Assessment - Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: OTHER INFORMATION

Full text of classification in section 3:

Aquatic Chronic 4 / H413	Hazardous to the aquatic environment	May cause long lasting harmful effects to
Eye Irrit. 2 / H319	Serious eye damage/ eye irritation	Causes serious eye irritation.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Skin Sens. 1 / H317	respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic life.
STOT RE 2 / H373	Specific target organ toxicity (repeated exposure)	May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Aquatic Chronic 1 / H410	Hazardous to the aquatic environment	Very toxic to aquatic life with long lasting effects.

Additional information

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

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

