

Safety data sheet

HyDra DeFrost

Version 1.0

Prepared: 23-10-2024



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

1.1 Product identifier.

Product Name: Hydra DeFrost.

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

Application: Non-corrosive liquid for melting ice and snow.

1.3 Details about the supplier of the safety data sheet

Business: SOCCO A/S
Egholmvej 8
7160 Tørring
CVR: 33054602
Tel: +45 7585 2323
www.socco.dk
socco@socco.dk

1.4 Emergency telephone number: 24-hour emergency telephone: Bispebjerg Hospital's poison line + 458212 12 12.

POINT 2: FARE IDENTIFICATION

2.1 Classification of the substance or mixture according to CLP no. 1272/2008.

Not classified.

2.2 Label elements CLP no. 1272/2008.

Not classified.

Other marking:

2.3 Other dangers.

The product contains no PBT or vPvB substances according to REACH 1907/2006.

The product does not contain any substances with hormone-disrupting properties according to EU Regulation 2017/2100 or Commission Regulation EU 2018/605.

SECTION 3: COMPOSITION OF/INFORMATION ON INGREDIENTS

3.1 Substances:

The product is a mixture.

3.2 Mixtures: The

product contains no notifiable classified substances.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures.

Generally:	In case of doubt or persistent symptoms, see a doctor and show this safety data sheet.
Inhalation:	Normally no danger, but avoid inhalation of spray mist.
Skin contact:	Wash off with soap and water.
Eye contact:	Immediately flush with plenty of water for several minutes, keeping eyelids open. Seek medical attention if irritation persists.
Intake:	Rinse the mouth with water and spit out. Consult a doctor if discomfort persists.

4.2 Main symptoms and effects, both acute and delayed:

No one known.

4.3 Indication of whether immediate medical attention and special treatment is necessary:

Treat symptomatically.

SECTION 5: FIRE FIGHTING

5.1 Extinguishing media

Suitable extinguishing media: The product itself does not burn.
Use extinguishing agents according to the surroundings.

Unsuitable extinguishing media: No one known.

5.2 Special hazards associated with the substance or mixture:

Fire produces harmful gases / smoke, do not inhale.

5.3 Instructions for firefighters:

When extinguishing fires, air-supplied breathing apparatus must be used, as well as protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal safety measures, personal protective equipment and emergency procedures:

See point 8 for personal protective equipment.

6.2 Environmental protection measures:

No special measures necessary.

6.3 Methods and equipment for containment and purification:

Smaller spills are wiped up with a cloth or similar.

Large spills: Contain and soak up spills with sand, earth or other non-combustible absorbent material. Store in a tightly closed container for disposal. Wash/rinse afterwards with plenty of water. Dispose of as waste according to section 13.

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6.4 Reference to other points:

See point 8 for personal protective equipment.
See point 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

See point 8 for personal protective equipment.
Avoid inhalation of spray mist.
Do not eat, drink or smoke while using this product.

7.2 Conditions for safe storage, including any incompatibility:

Store in original packaging, protected from direct sunlight in a dry, cool and well-ventilated place.
Opened containers must be closed carefully and stored upright to prevent leakage.

7.3 Special uses:

Only used as stated in point 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters -

Limit values BEK no 291 of 19/03/2024.

The product contains no substances with limit values.

PNEC/DNEL:

8.2 Exposure Control.

Technical measures:

Normal rum-ventilation.

General information:

Smoking, consumption of food or liquid, and storage of tobacco, food and drinks are not permitted in the work room. Wash hands and other exposed areas with mild soap and water before consuming food and drink or smoking, and when leaving work.

Personal protective equipment:

Personal protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of personal protective equipment.

Respiratory protection:

No special requirements, however avoid inhalation of spray mist.

Gloves:

Not necessary.

Eye protection:

Normally not necessary, however close-fitting safety glasses must be used if there is a risk of contact with spray mist.

Skin care:

Normal work clothes.

_Measures to limit environmental exposure:

No special requirements.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Physical form:	Liquid
Color:	Colorless
Smell:	Mild
Melting point/freezing point:	-10.5°C
Boiling point:	100°C
Flammability:	No data
Upper and lower explosion limits:	Not applicable
Flash point:	Not applicable
Self-ignition temperature:	Not self-igniting.
Decomposition temperature:	No data
pH:	9 - 10
Kinematic viscosity:	No data
Solubility:	Miscible with water
Partition coefficient n-octanol/water:	No data
Vapor pressure:	<23 hPa
Relative density:	No data
Particle properties:	Not relevant

9.2 Other information:

None.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reactions occur with proper use and storage.
- 10.2 Chemical stability:** The product is stable under normal conditions and use.
- 10.3 Risk of dangerous reactions:** No dangerous reactions with recommended use and storage: However, the product will react with calcium hypochlorite or sodium hypochlorite and form explosive nitrogen trichloride.
- 10.4 Conditions to be avoided:** None special.
- 10.5 Materials to avoid:** Avoid contact with oxidizing agents, acids, alkalis, nitrates, calcium hypochlorite, sodium hypochlorite and nitrites.
- 10.6 Hazardous decomposition products:** No known decomposition products under recommended storage and use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EU) no. 1272/2008.

Acute toxicity: Not classified.

Skin corrosion/irritation: Not classified.

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Serious eye damage/eye irritation:	Not classified.
Respiratory sensitization or skin sensitization:	Not classified.
Mutagenicity:	Not classified.
Carcinogenic properties:	Not classified.
Reproductive toxicity:	Not classified.
Single STOT exposure:	Not classified.
Repeated STOT exposures:	Not classified.
Aspiration hazard:	Not classified.

11.2 Information on other hazards:

Hormone-disrupting properties: The product contains no substances with hormone-disrupting properties.

Other information:

SECTION 12: ENVIRONMENTAL INFORMATION

12.1 Toxicity: Not classified as environmentally harmful.

12.2 Persistence and degradability: No information.

12.3 Bioaccumulation potential: No information.

12.4 Mobility in soil: No information.

12.5 Results of PBT and vPvB assessment: This product contains no PBT/vPvB substances.

12.6 Endocrine disrupting properties: The product contains no substances with hormone-disrupting properties.

12.7 Other negative effects: No one known.

SECTION 13: DISPOSAL

13.1 Methods for waste treatment: Waste and residues are disposed of in accordance with the municipality's waste regulations. The product is not classified as hazardous waste. Please note that it is the end user's responsibility to assign the correct waste code.

Possibility:

EAC code:

06 10 99

Other waste, not elsewhere specified.

Remains of waste – packaging:

Cleaned packaging according to the packaging material, otherwise for incineration.

SECTION 14: TRANSPORT INFORMATION

Not dangerous goods.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant
14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class	Not relevant	Not relevant
14.4 Packaging group	Not relevant	Not relevant
14.5 Environmental hazards - MP	Not relevant	Not relevant
Other information	Not relevant	Not relevant

14.6 Special precautions for the user:

Not relevant.

14.7 Bulk transport by sea according to IMO instruments:

Not relevant.

SECTION 15: REGULATORY INFORMATION

15.1 Special regulations/special legislation for the substance or mixture with regard to safety, health and environment:

The Ministry of the Environment's order Bek. 1565 of 19/12/2022 Order on the import and sale of highly toxic and toxic substances and mixtures etc. Bek. 350 of 28/03/2023 Order on work with substances and materials (chemical agents). BEK no. 1794 of 18/12/2015 Proclamation on special duties for manufacturers, suppliers and importers etc. of substances and materials under the Working Environment Act. BEK No. 202 of

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21/02/2023. 2022 Limit values for substances and materials. BEK no 291 of 19/03/2024: Order on measures to prevent the risk of cancer when working with substances and materials. The Norwegian Working Environment Authority's order on youth work with changes: BEK no. 1049 of 30/05/2021. BEK no. 2159 of 09/12/2020, executive order on waste. BEK no. 1639 of 06/12/2016, Decree on flammable and combustible liquids. EU regulation no. 2020/878. CLP no. 1272/2008.

Additional information: No.

15.2 Chemical safety assessment: Chemical safety assessment has not been carried out for the product.

SECTION 16: OTHER INFORMATION

Full wording of H-phrases in point 3:

No.

Other information:

The safety data sheet has been prepared on the basis of current information/regulations. Do not use the product together with other products (unless it is intended use), and only for said use.

List of abbreviations:

ADR/RID/ADN Agreement on the international transport of dangerous goods by road/rail/inland waterway (ADR/RID/ADN)

BCF Bioconcentration factor

BOD Biochemical oxygen consumption

CAS Chemical Abstract Service (database with an inventory of chemical compounds)

CLP Regulation (EC) no. 1272/2008 on classification, labeling and packaging of substances and mixtures

COD Chemical Oxygen Consumption

DNEL Derived No-Effect Level

EC no. The EC inventory (EINECS, ELINCS and NLP inventory) is the source of the seven-digit EC number, an identifier for marketed chemical substances within the EU (European Union)

GV Limit values for substances and materials

LC50 Lethal Concentration 50%: LC50 corresponds to the concentration of a tested substance which produces 50% mortality in a certain time interval

LD50 Lethal Dose 50% (lethal dose 50%): LD50 corresponds to the dose of a tested substance which causes 50% mortality in a certain time interval ceiling value Ceiling value

log KOW n-Octanol/vand

PBT Persistent, Bioaccumulative and Toxic

PNEC Predicted No-Effect Concentration (beregnet nuleffektkoncentration)

REACH Registration, Evaluation, Authorization and Restriction of Chemicals

vPvB Very Persistent and very Bioaccumulative.

Prepared by:

SRS

www.sds-sikkerhedsdatablade.dk