

Material Safety Data Sheet



1. Identification of the Substance / Mixture and the Company / Undertaking

Product: Glossenhancen
Company name: Undrdog Surface Products LLC
Product: 122 Rose Lane, Suite 201, Frisco, 75036, Texas, USA
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Department: Research & Development
Issued / Revised: Dec 11 2023

2. Hazards Identification

2.1 Classification of the substance or mixture

Mixture.

Pictograms:



Hazardous Not applicable.

Harmfulness Not applicable.

Environmental Impact Not applicable.

2.2 Label elements

Hazard statements

H226 Causes serious eye irritation

H226 May cause drowsiness or dizziness

Precautionary statements

General

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention

P280 Wear protective gloves/eye protection.

Response

P305 + 351 + 338 IF IN EYES Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

Storage

P403 + P233 Store in a well ventilated place. Keep container tightly closed.

Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

Additional labeling

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2.3 Other hazards

Contains no PBT or vPvB substances according to REACH No 1907/2006. This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3. Composition / Information on Ingredients

3.2 Mixture

CAS / EC No.	REACH No	Name	Content %	Classification CLP
84133-50-6	-	Polyoxyethylene alkyl ether	1%	
7631-86-9	-	Silicone	3-4%	
112926-00-8	-	Paraffin Wax	4-5%	
7732-18-5	-	Water	>90%	

4. First Aid Measures

4.1 Description of first aid measures.

General information: When in doubt or if symptoms are observed, get medical advice. Take this safety data sheet with you.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. If a person is not better, seek immediate medical attention.

Skin contact: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.

Eye contact: Flush eyes gently with water for at least 15 minutes. Seek immediate medical attention.

Ingestion: Wash mouth with potable water and drink a lot of milk. Seek immediate medical attention.

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

May cause serious eye irritation.

May cause drowsiness or dizziness.

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

Treat symptomatically.

5. Firefighting Measures

Due to being water-soluble, the present embodiment does not burn

5.1 Extinguishing media

Not necessary

5.2 Special hazards arising from the substance or mixture:

Flammable liquid and vapour.

In case of fire, harmful decomposition products may be formed, do not inhale

5.3 Advice for firefighters:

Do not enter fire area without proper protective equipment, including respiratory protection. Cool exposed containers with water spray.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

See section 8 for recommendations on the use of personal protective equipment.

Avoid breathing vapours.

Avoid contact with skin, eyes and clothing. Keep unprotected people away.

Shut off all heat/sparks/open flames/hot surfaces. No smoking.

6.2 Environmental precautions:

Prevent accidental entry to sewers and public waters.

Prevent entry to sewers and public waters. Notify authorities if large quantity liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up:

Rope off the area and keep people out!

Small spills: Absorb with an inert material and put the spilled material in appropriate containers.

Large spills: Stop leak with sand and collect the spilled material as much as possible and wipe off the remained material with cloth.

6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

7. Handling and Storage

7.1 Precautions for safe handling:

Avoid contacting with eyes, skin and work clothes

See section 8 for recommendations on the use of personal protective equipment. Avoid direct contact with the product.

After handling, wash your arms and your face thoroughly. When attached to the floor or work shoes, slip accidents is likely to occur. Therefore wipe off with cloth or wash with soap or detergent.

Keep container tightly closed when not in use.

Do not eat, drink or smoke when using this product. Wash hands and all exposed areas thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Avoid direct sunshine, the high temperature and the high humidity and the place where there is a risk of freezing. Seal product completely and store in a cool dark place.

7.3 Specific end use(s):

Use as intended.

Administrative Level: None

Threshold Limit Value: None

Protective Measures: It is desirable to provide a body washing and eyewash facilities.

Personal Protective Equipment: Use gas mask, air-supplied respirator, air respirator, safety glasses, rubber gloves, rubber boots, and rubber apron if necessary.

8. Exposure Controls / Personal Protection

Administrative Level: None

Threshold Limit Value: None

Protective Measures: It is desirable to provide a body washing and eyewash facilities.

Personal Protective Equipment: Use gas mask, air-supplied respirator, air respirator, safety glasses, rubber gloves, rubber boots, and rubber apron if necessary.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Occupational exposure limits EH40:

Physical state:	Liquid
Colour:	Colourless transparent
Odour:	Product specific
Melting point/freezing point:	None known
Boiling point:	None known
Flammability:	Not relevant/no data
Lower and upper explosion limit:	Not relevant/no data
Specific Gravity	0.75 – 0.85 (25°C)
Auto-ignition temperature:	Not relevant/no data

Decomposition temperature:	Not relevant/no data
pH:	Not relevant/no data
Kinematic viscosity:	Not relevant/no data
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	Not relevant/no data
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

None.

10. Stability and Reactivity

10.1 Reactivity:

No dangerous reactions known under normal conditions of use.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

None known if used and storage as recommended.

10.4 Conditions to avoid:

Keep away from heat/sparks/open flames/hot surfaces. Frost.

10.5 Incompatible materials:

Strong oxidizing agents, strong acids, strong bases, strong reducing agents.

10.6 Hazardous decomposition products:

None at recommended storage conditions.

11. Toxicological Information

11.1 Information on hazard classes

Occupational exposure limits EH40:

Acute toxicity:	None known
Skin corrosion/irritation:	Can cause minor irritation
Serious eye damage/irritation:	Can cause minor irritation

Respiratory or skin sensitization:	None known
Germ cell mutagenicity:	None known
Carcinogenicity:	None known
Reproductive toxicity:	None known
Specific target organ toxicity - single exposure:	May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure:	None known
Aspiration hazard:	None known

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Additional information:

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12. Ecological Information

12.1 Toxicity:	None known
12.2 Persistence and degradability:	Readily biodegradable.
12.3 Bioaccumulative potential:	None known

12.4 Mobility in soil:	None known
12.5 Result of PBT and vPvB assessment:	This mixture does not meet the criteria for PBT or vPvB according to Regulation.
12.6 Endocrine disrupting properties:	The product/substance has no endocrine disrupting properties.
12.7 Other adverse effects:	None known.

13. Disposal Considerations

13.1 Waste treatment methods:

Avoid release to the environment.

Dispose of in accordance with internal procedures and rules. The coding of a waste stream is based on the application of the product by the consumer – end-user.

EWC: 20 01 29* detergents containing dangerous substances.

Contaminated packing: Properly cleaned container is disposed of according to packaging material, otherwise for incineration. Or: 15 01 10* packaging containing residues of or contaminated by dangerous substances.

14. Transport Information

This product is classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not dangerous goods	Not dangerous goods
14.2 UN proper shipping name	Not regulated	Not regulated
14.3 Transport hazard class(es)		
14.4 Packing group		
14.5 Environmental hazards- MP		
Other information		
14.6 Special precautions for user:		
Not relevant.		

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

15. Regulatory Information

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

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information:

People under the age of 18 must not be exposed to this product. Council Directive 94/33/EC.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

15. Other Information

Full text of H-phrases as mentioned in section 3:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Additional information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

List of abbreviations:

LD50: Lethal Dose, 50%.

LC50: Lethal Concentration 50%.

PBT: Persistent, bioaccumulative, toxic.

vPvB: very Persistent, very Bioaccumulative.

Acute Tox.: Acute toxicity

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)

Ceiling-C: Ceiling value

DGR: Dangerous Goods Regulations (see IATA/DGR)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

EmS: Emergency Schedule

Eye Dam. Seriously damaging to the eye

Eye Irrit.: Irritant to the eye

GHS: "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations

IATA: International Air Transport Association

IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical instructions for the safe transport of dangerous goods by air

IMDG: International Maritime Dangerous Goods Code

IMDG-Code: International Maritime Dangerous Goods Code

LC50: Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval

MARPOL: International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")

Met. Corr. Substance or mixture corrosive to metals

NLP: No-Longer Polymer

Ox. Liq.: Oxidising liquid

PBT: Persistent, Bioaccumulative and Toxic ppm Parts per million

Skin Corr.: Corrosive to skin

Skin Irrit.: Irritant to skin

STEL: Short-term exposure limit

TWA: Time-weighted average

UN RTDG: UN Recommendations on the Transport of Dangerous Good

vPvB: Very Persistent and very Bioaccumulative