

SAFETY DATA SHEET

Heti Desipesu

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 06.07.2015

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1.1. Product identifier

Product name Heti Desipesu

Article no. 32.11931, 11933

GTIN No. 6414504114370, 6414504114387

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

Use of the substance / preparation Weakly alkaline disinfectant all purpose cleaner

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name Berner Ltd/Pro

Office address Hitsaajankatu 24

Postal address P.O.Box 22

Postcode 00811

City Helsinki

Country Finland

Telephone number +3582079100

Email pro@berner.fi

1.4. Emergency telephone number**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Eye Dam. 1; H318

Skin Irrit. 2; H315

Substance / mixture hazardous properties

Causes serious eye irritation. Causes skin irritation.

2.2. Label elements

Hazard pictograms (CLP)



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.
H315 Causes skin irritation.

Precautionary statements

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.
P337+P313 If eye irritation persists: Get medical advice / attention.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.

2.3. Other hazards

Other hazards

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Undeceth-40	CAS No.: 127036-24-2 EC No.: 603-182-5	Acute tox. 4; H302 Eye Dam. 1; H318	5 – 10 %	
C12-C16 Alkyldimethylbenzylammoniumchloride	CAS No.: 68424-85-1 EC No.: 270-325-2	Acute Tox. 4; H302 Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	2 -3 %	
Dipropylen glycol methyl ether	CAS No.: 34590-94-8 REACH Reg. No.: 01-2119450011-60		5 – 7 %	
Description of the mixture	Contains: 5-15% Nonionic surfactants, <5% Disinfectant, Parfum (Citral, Limonene)			

SECTION 4: First aid measures

4.1. Description of first aid measures

General

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Inhalation

Move to fresh air. If symptoms persist, call a physician.

Skin contact	Rinse with water. Take off all contaminated clothing immediately. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Rinse mouth with water and drink milk or water. Do NOT induce vomiting. If symptoms persist, call a physician.

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

General symptoms and effects -

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

Medical treatment Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use foam, CO ₂ , powder or waterspray. Product resists ignition and does not promote flame spread.
Improper extinguishing media	–

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards Fire causes formation of toxic gases.

5.3. Advice for firefighters

Personal protective equipment Self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Contaminated surfaces will be extremely slippery. Avoid direct contact with the chemical.

6.2. Environmental precautions

Environmental precautionary measures Large amounts: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3. Methods and material for containment and cleaning up

Clean up Small quantities may be flushed to drains with plenty of water. Large Spillages: Collect with absorbent, non-combustible material into suitable containers. Inform Authorities if large amounts are involved.

6.4. Reference to other sections

Other instructions For suitable protective equipment, see section 8. Dispose of waste, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store at room temperature in the original container. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Do not freeze

7.3. Specific end use(s)

Specific use(s) -

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Dipropylen glycol methyl ether	CAS No.: 34590-94-8	Limit value (8 h) : 50 ppm Limit value (8 h) : 310 mg/m ³	
Control parameters comments	Avoid contact with skin and eyes.		

DNEL / PNEC

DNEL	Comments: Dipropyleneglycolmonomethylether/workers: Exposure/skin contact: long-term systemic impact: 65 mg/kg/body weight/day Altistus/inhalation: long-term systemic impact: 310 mg/m ³ Dipropyleeniglykolimonometyylieetteri/consumers: Exposure/inhalation: long-term systemic impact: 37,2 mg/ Exposure/ingestion: long-term systemic impact: 1,67 mg/kg/body weight/day
PNEC	Comments: Dipropyleneglycolmonomethylether: Fresh water: 19mg/l, Sea water: 1,9 mg/, Regular releases: 190 mg7l, STP: 4168 mg/l, Freshwater sediment: 70,2 mg/kg d.w., Soil: 2,74 mg7kg d.w.

8.2. Exposure controls

Precautionary measures to prevent exposure

Product related measures to prevent exposure -

Eye / face protection

Required Properties Wear approved, tight fitting safety glasses where splashing is probable.

Hand protection

Skin- / hand protection, short term contact Protective gloves must be used if there is a risk of direct contact or splash.

Skin- / hand protection, long term contact Gloves.

Required properties for hand protection	Natural Rubber Neoprene gloves or PVC disposable gloves
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Skin protection

Suitable protective clothing	Wear suitable protective clothing as protection against splashing or contamination.
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Respiratory protection

Respiratory protection, general	Breathing apparatus needed only when aerosol or mist is formed.
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Appropriate environmental exposure control

Environmental exposure controls	Should be prevented from entering directly to environment.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	clear blue
Odour	fragranced
pH	Status: In delivery state Comments: ~ 11,3 Status: In aqueous solution Value: ~ 8,5
Boiling point / boiling range	Comments: n. 100°C
Relative density	Comments: 1006 kg/m ³
Solubility	Medium: Water Comments: soluble
Viscosity	Comments: <1 cP (20°C)

9.2. Other information

Other physical and chemical properties

Physical and chemical properties	-
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under normal conditions.
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10.2. Chemical stability

Stability	Stable at normal ambient temperature and pressure.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No known.

10.4. Conditions to avoid

Conditions to avoid Stable under normal conditions.

10.5. Incompatible materials

Materials to avoid Strong acids and oxidizing agents Strong bases

10.6. Hazardous decomposition products

Hazardous decomposition products The following decomposition products may be formed, but also other products: carbon and nitrogen oxides, aldehydes, ketones and organic acids

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Assessment of acute toxicity, classification	Dipropyleneglycolmonomethylether: LD50/oral/rat = > 5000 mg/kg LD50/dermal/rabbit = 9510 mg/kg Undeceth-40: LD50/oral/rat = > 300 – 2000 mg7kg LD50/dermal/rabbit = > 2000 mg7kg C10-16-alkyldimethylbenzylammoniumchloride: LD50/oral/rat = > 240 mg/kg LD50/dermal/rat = > 1420 mg/kg
Assessment of skin corrosion / irritation, classification	Causes skin irritation.
Assessment of eye damage or irritation, classification	Causes serious eye damage.
General respiratory or skin sensitisation	-
Assessment of carcinogenicity, classification	-
STOT-single exposure	Inhalation of mist causes irritation of respiratory system. High concentrations may cause Difficulty in breathing . Repeated or prolonged exposure May cause Rash Severe eye irritation . Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms of exposure

Other information

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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

The product is harmful to aquatic organisms because of alkalinity.

Dipropylglycolmonomethylether: LC50/96h/guppy = > 1000 mg/l

LC50/48h/daphnia = 1919 mg/l

Undeceth-40:

EC50/48h/daphnia = > 1-10 mg/l

C10-16-alkyldimethylbenzylammoniumchloride:

EC50/48h/daphnia = 0,02 mg/l

EC50/72h/algae = 0,06 mg/l

12.2. Persistence and degradability

Persistence and degradability description/evaluation

Surfactants are readily biodegradable (OECD-tests)

12.3. Bioaccumulative potential

Bioaccumulation, evaluation

Not expected to be bioaccumulative.

12.4. Mobility in soil

Mobility

Mobile liquid. Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical

Dispose of as hazardous waste in compliance with local and national regulations.

SECTION 14: Transport information

Dangerous goods

No

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Comments Not classified as dangerous in the meaning of transport regulations.

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

Special safety precautions for user No known.

14.7. Maritime transport in bulk according to IMO instruments

Pollution category Not applicable.

SECTION 15: Regulatory information

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

Legislation and regulations Detergents regulations

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Training advice

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Recommended restrictions on use Only for professional use

Additional information Manufacturer and the label of the product.

Key literature references and sources for data The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

Information added, deleted or revised 2.2, 3.2, 5.2, 8.1, 8.2

Version 2