

SAFETY DATA SHEET

HETI Tuoksuva

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	31.03.2015
Revision date	31.03.2015

1.1. Product identifier

Product name	HETI Tuoksuva
Article no.	32. 15737817, 15738135
GTIN No.	6414504687553, 6414504690607

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

Use of the substance / preparation	Alkaline 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 substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Eye Irrit. 2; H319
Substance / mixture hazardous properties	Causes serious eye irritation.

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	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.

2.3. Other hazards

Other hazards -

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Tricedeth-8	CAS No.: 69011-36-5 REACH Reg. No.: 02-2119552461-55-xxxx	Acute Tox. 4;H302 Eye Dam. 1;H318	1 – 5 %
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5	Flam. Liq. 2;H225 Eye Irrit. 2;H319	1 – 5 %
Tetrapotassiumpyrophosphate	CAS No.: 7320-34-5	Eye Irrit. 2;H319	1 – 5 %
2-Ethylhexanol ethoxylate	CAS No.: 26468-86-0	Eye Dam. 1;H318	1 – 5 %
Parfum		Skin Sens. 1; H317 Aquatic Chronic 2; H411	0 -0,1 %
Description of the mixture	Contains: <5% Nonionic surfactants, anionic surfactants, phosphate, parfum		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	-
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician.
Skin contact	Rinse with water. Take off all contaminated clothing immediately.
Eye contact	Rinse immediately with plenty of water 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 -

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use foam, CO2, powder or waterspray.
Improper extinguishing media	-

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	-
----------------------------	---

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.
------------------	---------------------------------------------------

6.2. Environmental precautions

Environmental precautionary measures	Ei tiedossa.
--------------------------------------	--------------

6.3. Methods and material for containment and cleaning up

Clean up	Small Spillages: Flush to sewer if local regulations permit.
----------	--------------------------------------------------------------

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	Protective gloves
----------	-------------------

7.2. Conditions for safe storage, including any incompatibilities

Storage	Do not freeze.
---------	----------------

7.3. Specific end use(s)

Specific use(s)	-
-----------------	---

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
ethanol	CAS No.: 64-17-5	TWA (8h): 1000 ppm TWA (8h): 1900 mg/m3 OEL short term value Value: 1300 ppm	

OEL short term valueValue: 2500 mg/m³

Control parameters comments -

8.2. Exposure controls**Precautionary measures to prevent exposure**

Product related measures to prevent exposure -

Eye / face protection

Suitable eye protection Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hand protection

Required properties for hand protection Wear protective gloves.

Skin protection

Suitable protective clothing Wear apron or protective clothing in case of contact.

Respiratory protection

Respiratory protection, general -

Appropriate environmental exposure control

Environmental exposure controls -

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	blue
Odour	odourized
pH	Status: In delivery state Value: 9,1 – 9,7
	Status: In aqueous solution Value: ~ 8,5
Boiling point / boiling range	Comments: n. 100°C
Specific gravity	Comments: n. 1038 kg/m ³
Solubility description	soluble
Solubility	Medium: Water Comments: Completely soluble in water.

9.2. Other information**Other physical and chemical properties**

Physical and chemical properties -

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under normal conditions.

10.2. Chemical stability

Stability Stable at normal ambient temperature and pressure.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Conditions to avoid Stable under normal conditions.

10.5. Incompatible materials

Materials to avoid -

10.6. Hazardous decomposition products

Hazardous decomposition products None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Assessment of acute toxicity, classification LD50/oral/rat = 5000 mg/kg Valmisteen välitön myrkyllisyys on vähäinen

Skin corrosion / irritation, other information Prolonged and frequent contact may cause redness and irritation.

Assessment of eye damage or irritation, classification Causes serious eye damage.

General respiratory or skin sensitisation -

Assessment of carcinogenicity, classification -

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The product is harmful because of the alkalinity.

12.2. Persistence and degradability

Persistence degradability additional information -

Persistence and degradability, comments Surfactants are readily biodegradable (OECD-tests)

12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to be bioaccumulative.

12.4. Mobility in soil

Mobility Mobile liquid. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT assessment results 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

Other adverse effects, comments -

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal Dispose of in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

Comments -

14.2. UN proper shipping name

Comments -

14.3. Transport hazard class(es)

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

14.4. Packing group

Comments -

14.5. Environmental hazards

Comments No known.

14.6. Special precautions for user

Special safety precautions for user Causes serious eye irritation.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 -

15.2. Chemical safety assessment

Chemical safety assessment -

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H318 Causes Serious eye damage. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Eye Irrit. 2; H319
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.
Version	1