

# SAFETY DATA SHEET

## HETI Sapu Joutsen / HETI Sapu Joutsen Unscented

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	15.02.2016
Revision date	15.02.2016

#### 1.1. Product identifier

Product name	HETI Sapu Joutsen / HETI Sapu Joutsen Unscented
Article no.	32. 15746249, 15746250, 15746251, 15746252
GTIN No.	6414504748964, 6414504748988, 6414504749008, 6414504749015

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

Use of the substance / preparation	Weak acidic 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 67/548/EEC or 1999/45/EC	Xi; R36;
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
Undeceth-40	CAS No.: 127036-24-2 EC No.: 603-182-5	Acute tox. 4; H302 Eye Dam. 1; H318	5 -8 %
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 %
L-(+)Lactic acid	CAS No.: 79-33-4 EC No.: 201-196-2	Skin Irrit. 2;H315 Eye Dam. 1;H318	1 -5 %
2-Phenoksiethanol	CAS No.: 122-99-6 EC No.: 204-589-7 Index No.: 603-098-00-9 REACH Reg. No.: 01-2119488943-xx	Acute Tox. 4;H302 Eye Irrit. 2;H319	0,5 – 1
Dipropylen glycol methyl ether	CAS No.: 34590-94-8 REACH Reg. No.: 01-2119450011-60		3 -8 %
Description of the mixture	Contains: 5-15% Nonionic surfactants, Phenoxyethanol, Fragrance		

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

General -  
 Inhalation Move to fresh air. 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 Treat symptomatically.

## 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 -

### 6.3. Methods and material for containment and cleaning up

Cleaning method Flush into sewer with plenty of water.

### 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/m <sup>3</sup> <b>OEL short term value</b> Value: 1300 ppm <b>OEL short term value</b> Value: 2500 mg/m <sup>3</sup>	
Dipropylen glycol methyl ether	CAS No.: 34590-94-8	TWA (8h): 50 ppm TWA (8h): 310 mg/m <sup>3</sup>	
Control parameters comments	Avoid contact with skin, eyes and clothing.		

## 8.2. Exposure controls

### Precautionary measures to prevent exposure

Product related measures to prevent exposure

-

### Eye / face protection

Required Properties

Use when needed Safety glasses

### Hand protection

Required properties for hand protection

Neoprene gloves , PVC disposable gloves

### Skin protection

Additional skin protection measures

Wear suitable protective clothing as protection against splashing or contamination.

### 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	Perfumed: punainen Unscented: colourless
Odour	odourized / characteristic
pH	Status: In delivery state Comments: 4,5
Boiling point / boiling range	Comments: n. 100°C
Specific gravity	Comments: n. 1020 kg/m <sup>3</sup>
Solubility description	soluble

Viscosity Comments: n. 500 cP

## 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

Ethanol: LD50/dermal/rat = 10470 mg/kg

LD50/dermal/rabbit = 15800 mg/kg

LC50/inhalation/ 4 h/rat = 51-55 mg/l

LC50/hengitysteitse/1h/hiiri = 30 000 mg/m<sup>3</sup>, (2-Methoxymethylethoxy-propanol: LD50/oral/rat = > 5000 mg/kg

LD50/dermal/rabbit = 9510 mg/kg

LC50/inhalation/ 4 h/rat = 3,35 mg/l (aerosol), Undekanol, ethoxylated: LD50/oral/rat = > 300-2000 mg/kg

LD50/dermal/rabbit = > 2000 mg/kg, Lactic acid: LD50/oral/rat = 3730 mg/kg

	LD50/suun kautta/hiiri = 4875 mg/kg
	LD50/dermal/rabbit = > 2000 mg/kg, 2-Phenoxyethanol: LD50/oral/rat = 1260 mg/kg
	LD50/dermal/rabbit = > 5000 mg/kg
Skin corrosion / irritation, other information	Prolonged or repeated contact may cause irritation. Defats the skin.
Assessment of eye damage or irritation, classification	Irritating to eyes.
General respiratory or skin sensitisation	-
Assessment of carcinogenicity, classification	-

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	Ethanol: LC50/96t/kirjolohi = 11200mg/l, (2-Methoxymethylethoxy)-propanol: LC50/96t/miljoonakala = > 1000mg/l
	LC50/48t/vesikirppu (daphnia) = 1919 mg/l (dying), Undekanol, ethoxylated: EC50/48t/vesikirppu (Daphnia )= > 1– 10 mg/L, 2-Phenoxyethanol: EC50/48t/vesikirppu (Daphnia )= > 500 mg/L

### 12.2. Persistence and degradability

Persistence degradability additional information	-
Persistence and degradability, comments	Readily biodegradable, according to appropriate OECD test.

### 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

### 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. H315 Causes skin irritation. H318 Causes Serious eye damage. H319 Causes serious eye irritation.
--	--

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