

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 the 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 | Notes |
|-----------------------------|----------------------------------------------------------------------------|-----------------------------------------------|----------|-------|
| 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 | Exposure limits | TWA Year |
|-----------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| ethanol | CAS No.: 64-17-5 | Limit value (8 h) : 1000 ppm Limit value (8 h) : 1900 mg/m ³ Limit value (short term) Value: 1300 ppm Limit value (short term) Value: 2500 mg/m ³ | |

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 |
| Relative density | Comments: n. 1038 kg/m³ |
| 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 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