

SAFETY DATA SHEET

**HETI Yleispesu Joutsen / HETI Yleispesu Joutsen
hajustettu**

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 | 02.01.2015 |
| Revision date | 14.09.2017 |

1.1. Product identifier

| | |
|--------------|--|
| Product name | HETI Yleispesu Joutsen / HETI Yleispesu Joutsen hajustettu |
| Article no. | 32. 15736726, 15736728, 15746245, 15746246 |
| GTIN No. | 6414504679640, 6414504679688, 6414504748858, 6414504748872 |

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

| | |
|------------------------------------|---------------------------|
| Use of the substance / preparation | Weakly alkaline detergent |
|------------------------------------|---------------------------|

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 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

SECTION 3: Composition / information on ingredients

3.2. Mixtures

| Substance | Identification | Classification | Contents | Notes |
|--|--|---|----------|-------|
| Undeceth-40 | CAS No.: 127036-24-2 | Acute tox. 4; H302 Eye Dam. 1; H318 | 5 - 8 % | |
| Trisodium salt of methylglycinediacetic acid ethanol | CAS No.: 164462-16-2 | Met. Corr. 1; H290 | 1 - 5 % | |
| | 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 % | |
| Alcholethoxylate | REACH Reg. No.: 02-2119549270-44-0000 | Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 | 1 - 2 % | |
| Alkyl fattyacid ester etoxylate | CAS No.: 9043-30-5 | Acute Tox. 4; H302 Eye Dam. 1; H318 | 1 - 2 % | |
| Description of the mixture | Contains: 5-15% Nonionic surfactants, Parfum (perfumed version) | | | |

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

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. 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 | - |
|----------------------------|---|

5.3. Advice for firefighters

| | |
|-------------------------------|------------------------------------|
| Personal protective equipment | Self-contained breathing apparatus |
| Other information | - |

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

| | |
|----------|--|
| Clean up | Flush away small spillages with plenty of water. |
|----------|--|

6.4. Reference to other sections

| | |
|--------------------|---|
| Other instructions | - |
|--------------------|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|----------|-------------------|
| Handling | Protective gloves |
|----------|-------------------|

7.2. Conditions for safe storage, including any incompatibilities

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|---------|----------------|
| 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 | Avoid contact with skin and eyes. |
|-----------------------------|-----------------------------------|

8.2. Exposure controls

Precautionary measures to prevent exposure

| | |
|--|----|
| Product related measures to prevent exposure | -- |
|--|----|

Eye / face protection

| | |
|---------------------|---|
| Required Properties | If splashes are likely to occur, wear: Safety glasses |
|---------------------|---|

Hand protection

| | |
|---|--|
| Required properties for hand protection | Protective gloves complying with EN 374. |
|---|--|

Skin protection

| | |
|------------------------------|---|
| Suitable protective clothing | 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 | Parfumed clear blue Unperfumed clear colourless |
| Odour | Perfume. characteristic (unperfumed) |
| pH | Status: In delivery state Comments: 10,4 |
| Boiling point / boiling range | Comments: n. 100°C |
| Flash point | Comments: - |
| Lower explosion limit with unit of measurement | Comments: - |
| Upper explosion limit with units of measurement | Comments: - |
| Vapour pressure | Comments: - |
| Relative density | Comments: n. 1020 kg/m ³ |
| Solubility description | soluble |
| Solubility | Comments: -- |
| Partition coefficient: n-octanol/water | Comments: - |
| Viscosity | Comments: - |

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

| | |
|--|---|
| General | LD50/oral/rat = > 5000mg/kg low acute toxicity (according to data from raw materials) |
| Assessment of acute toxicity, classification | -- |
| Skin corrosion / irritation, other information | Prolonged or repeated contact may cause irritation. |
| Assessment of eye damage or irritation, classification | Causes serious eye irritation. |
| 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

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|--|--|
| Persistence degradability additional information | -- |
| Persistence and degradability, comments | Inherently biodegradable. Surfactants are readily biodegradable (OECD-tests) |

12.3. Bioaccumulative potential

| | |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | Not expected to be bioaccumulative. |
|---------------------------|-------------------------------------|

12.4. Mobility in soil

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|----------|----------------------------------|
| Mobility | Mobile liquid. Soluble in water. |
|----------|----------------------------------|

12.5. Results of PBT and vPvB assessment

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|------------------------|----|
| PBT assessment results | -- |
|------------------------|----|

12.6. Other adverse effects

| | |
|---------------------------------|----|
| Other adverse effects, comments | -- |
|---------------------------------|----|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal In accordance with local and national regulations.

SECTION 14: Transport information

14.1. UN number

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

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

15.2. Chemical safety assessment

Chemical safety assessment blend

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3) H225 Highly flammable liquid and vapour.
H290 May be corrosive to metals.
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

Training advice --

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

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