

SAFETY DATA SHEET

HETI Jyty spray

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	22.03.2016
Revision date	22.03.2016

1.1. Product identifier

Product name	HETI Jyty spray
Article no.	32. 15747871
GTIN No.	6414504638456

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

Use of the substance / preparation	Ready to use alkaline cleaner
The chemical can be used by the general public	Yes

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
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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 IF IN EYES: Rinse cautiously with water for several minutes. P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards	-
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Alcohol etoxylate	CAS No.: 68439-46-3	Xi;R38;R41 Eye Dam. 1;H318 Skin Irrit. 2;H315	0,5 – 1 %
Alcohol ethoxylate C9-11, 6EO	CAS No.: 68439-46-3	Xn, Xi; R22, R41 Acute tox. 4; H302 Eye Dam. 1; H318	0,5 – 1 %
Cocamidopropyl Betaine	CAS No.: 61789-40-0	Xi;R41 Eye Dam. 1;H318	0,5 – 1 %
Dipropylen glycol methyl ether	CAS No.: 34590-94-8 REACH Reg. No.: 01-2119450011-60		0,5 – 1 %
Description of the mixture	<5% Nonionic surfactant, amfoteric surfactant, perfume		

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.
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. If symptoms persist, call a physician. or if large quantities of this product are swallowed.

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 Product does not support combustion. 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

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 Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

Cleaning method Flush away small spillages with plenty of water. Clean-up methods – large spillage Sweep up or vacuum up spillage and collect in suitable container for disposal. After cleaning, flush away traces with water. Local authorities should be advised if significant spillages cannot be contained.

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 To avoid risks to man and the environment, comply with the instructions for use. No special technical protective measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage Perishable if frozen. Store in original container.

7.3. Specific end use(s)

Specific use(s) -

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
Dipropylen glycol methyl ether	CAS No.: 34590-94-8 REACH Reg. No.: 01-2119450011-60	TWA (8h): 50 ppm TWA (8h): 310 mg/m3	

DNEL / PNEC

Control parameters comments -

8.2. Exposure controls

Precautionary measures to prevent exposure

Product related measures to prevent exposure No special protective equipment required. Avoid contact with skin, eyes and clothing.

Respiratory protection

Respiratory protection, general -

Hand protection

Required properties for hand protection Use when needed Rubber or plastic gloves

Eye / face protection

Required Properties Use when needed Safety glasses

Skin protection

Skin protection (except hands) Normal work clothes are adequate.

Appropriate environmental exposure control

Environmental exposure controls Do not flush into surface water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	Colourless to pale yellow.
Odour	characteristic
pH	Status: In delivery state Comments: 11,0
Boiling point / boiling range	Comments: n. 100°C
Flash point	Comments: -

Specific gravity	Comments: 1000 kg/m ³
Solubility description	partly soluble
Solubility in organic solvents	Comments: insoluble
Spontaneous combustability	Comments: -
Explosive properties	-

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 dangerous reaction known under conditions of normal use.
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10.4. Conditions to avoid

Conditions to avoid	Stable under normal conditions.
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10.5. Incompatible materials

Materials to avoid	-
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10.6. Hazardous decomposition products

Hazardous decomposition products	No known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

Substance	Alcohol etoxylate
Acute toxicity	Type of toxicity: Acute Value:
Substance	Cocamidopropyl Betaine
Acute toxicity	Type of toxicity: Acute Value:
Substance	Dipropylen glycol methyl ether

Acute toxicity **Type of toxicity:** Acute
Value:

Acute toxicity, Mixture estimate

Assessment of acute toxicity, classification LD50/oral/rat = >5000 mg/kg (according to data from raw materials)

Potential acute effects

Irritation Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.
 Aspiration hazard, comments -

Delayed effects / repeated exposure

General respiratory or skin sensitisation -
 STOT-single exposure Irritating to eyes.
 STOT-repeated exposure Repeated exposure may cause skin dryness or cracking.

Carcinogenic, Mutagenic or Reprotoxic

Assessment of carcinogenicity, classification -

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity -

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal

Käyttöliuos on viemärintiikelpoinen. Tarvittaessa kysy ohjeita paikallisilta viranomaisilta.

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

-

14.6. Special precautions for user

Special safety precautions for user

-

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

Detergents Regulation EC 907/2006 ja 648/2004

15.2. Chemical safety assessment

Chemical safety assessment

blend

SECTION 16: Other information

List of relevant R-phrases (under headings 2 and 3).

R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R38 Irritating to skin.
R22 Harmful if swallowed.

List of relevant H-phrases (Section 2 and 3)

H318 Causes Serious eye damage.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2; H319;

[CLP / GHS]

Recommended restrictions on use

Only for professional use.

Additional information

Manufacturer and the label of the product.

Key literature references and sources for data

1. REACH ja CLP
2. STM: HTP-arvot 2014
3. Raaka-ainetoimittajien laatimat käyttöturvallisuustiedotteet

Version

1