

SAFETY DATA SHEET

HETI Tiski

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	28.02.2020

1.1. Product identifier

Product name	HETI Tiski
Article no.	32. 13261, 13265
GTIN No.	6414504119054, 6414504119061

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

Use of the substance / preparation	Hand dishwashing liquid
Consumer use	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

Emergency telephone	Description: HUS Poison Center tel. (09) 4711klo. 8.00 – 22.00 direct (09) 471 977
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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 Skin Irrit. 2; H315
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2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation. H315 Causes skin 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	-
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Sodium lauryl Ether sulphate	CAS No.: 68891-38-3	Skin Irrit. 2;H315	15 – 20 %	
	EC No.: 500-234-8	Eye Dam. 1;H318		
	REACH Reg. No.: 01-2119488639-xx	Aquatic Chronic 3;H412		
C8-18 Alkyl amidopropylbetaine	CAS No.: 97862-59-4	Eye Dam. 1; H318	1 -3 %	
	EC No.: 931-296-8	Aquatic Chronic 3; H412		
	REACH Reg. No.: 01-2119488533-30-xxxx			
Parfum (contains Limonene and Linalool)	CAS No.: mixture	Asp. Tox. 1; H304	0,1 -0,2 %	
		Skin Irrit. 2; H315		
		Skin Sens. 1; H317		
		Eye Irrit. 2; H319		
		Aquatic Chronic 2; H411		
Description of the mixture	Contains: 15-30% Anionic surfactant, <5% Amfoteric surfactant, Sodium Benzoate, Parfum (Linalool, Limonene)			

SECTION 4: First aid measures

4.1. Description of first aid measures

General	-
Inhalation	-
Skin contact	Rinse with water.

Eye contact	Flush eye(s) immediately with plenty of water. If symptoms persist, call a physician.
Ingestion	Drink plenty of water. If possible drink milk afterwards. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects

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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

The product itself does not burn. Use foam, CO₂, powder or waterspray.

Improper extinguishing media

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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

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5.3. Advice for firefighters

Personal protective equipment

Self-contained breathing apparatus

Other information

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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

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6.3. Methods and material for containment and cleaning up

Clean up

Flush area with plenty of water. Large amounts Collect in containers and seal securely. Remove containers and flush area with 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 No special precautions required. Do not freeze.

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

Control parameters comments Avoid contact with skin and eyes.

8.2. Exposure controls

Eye / face protection

Required Properties Avoid contact with eyes. If splashes are likely to occur, wear: Safety goggles

Hand protection

Skin- / hand protection, long term contact Gloves.

Required properties for hand protection Use when needed Neoprene gloves or PVC disposable gloves

Skin protection

Suitable protective clothing Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection, general No personal respiratory protective equipment normally required.

Appropriate environmental exposure control

Environmental exposure controls Should be prevented from entering directly to environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Colour clear Green.

Odour characteristic

pH Status: In delivery state
Value: 5,0 – 5,5

	Status: In aqueous solution Value: ~ 6,5
Boiling point / boiling range	Comments: n. 100°C
Relative density	Comments: 1030 g/dm ³
Solubility	Medium: Water Comments: soluble
Viscosity	Comments: 150-250 cPs

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.

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 Not known.

10.6. Hazardous decomposition products

Hazardous decomposition products None reasonably foreseeable

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Effect tested: LD50
Route of exposure: Dermal
Value: > 2000 mg/kg
Species: Rat
Comments: Sodium lauryl Ether sulphate

Effect tested: LD50

Route of exposure: Oral
 Value: > 2000 mg/kg
 Species: Rat
 Comments: C8-18 Alkyl amidopropylbetaine

Effect tested: LD50
 Route of exposure: Dermal
 Value: > 2000 mg/kg
 Species: Rat
 Comments: C8-18 Alkyl amidopropylbetaine

Other information regarding health hazards

Assessment of acute toxicity, classification	LD50/oral/rat = >5000 mg/kg (according to data from raw materials)
Assessment of skin corrosion / irritation, classification	Causes skin irritation.
Assessment of eye damage or irritation, classification	Causes serious eye irritation.
General respiratory or skin sensitisation	-
Mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity, other information	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity --

12.2. Persistence and degradability

Persistence and degradability description/evaluation Surfactants are readily biodegradable (OECD-tests)

12.3. Bioaccumulative potential

Bioaccumulation, evaluation Not expected to be bioaccumulative.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment 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

Appropriate methods of disposal for the chemical	Dispose of in accordance with local regulations.
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SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

14.2. UN proper shipping name

Comments	-
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14.3. Transport hazard class(es)

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

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Pollution category	Not applicable.
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Legislation and regulations	Detergents regulations
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. 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. H412 Harmful to aquatic life with long lasting effects.
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Training advice	-
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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.
Information added, deleted or revised	3.2, 6.1, 8.2, 10.6, 11.1, 12.2, 12.3, 15.1
Version	2