

MATERIAL SAFE DATE SHEET

according to Regulation (EC) No. 1907/2006, 2015/830



Enzo Universal washing gel

Date: 15.10.2019

Version EN: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier** Enzo Universal washing gel
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Identified uses: washing gel
Uses advised against: none
- 1.3. Details of the supplier of the safety data sheet**
Produced exclusively for: **Shmidt Group Trading LPS**
Ermou, 32-34
6021 Larnaca

E-mail address of the person responsible for data sheet: info@shmidtgroup.de

- 1.4. Emergency telephone**
112 (general emergency telephone number)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acc. to 1272/2008

Eye Irrit. 2; H319

Aquatic Chronic 3; H412

Human health dangers:

Causes serious eye irritation

Environmental hazards:

Harmful to aquatic life with long lasting effects.

Physic-chemical hazards:

None.

2.2. Label elements

Pictograms:



Signal Word: Warning

Hazard Statement:

H319 – Causes serious eye irritation

H412 – Harmful to aquatic life with long lasting effects.

Precautionary Statement:

P102 – Keep out of reach of children

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.

Directive (EC) No. 648/2004:

Contains:

5-15% anionic surfactants

<5% non-ionic surfactants

<5% phosphonates

Perfumes (HEXYL CINNAMAL)

Preservation agents (2-BROMO-2-NITROPROPANE-1,3-DIOL, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

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2.3. Other hazards

The mixture does not contain any substances PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous components:

Substance name	contains %	Classification 1272/2008	
		Hazard Class and Category Code(s)	Hazard Statement Code(s)
Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) CAS No.: - EINECS No.: 931-329-6 Index No.: - REACH No.: 01-2119490100-53	<3	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2	H315 H318 H411
Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EINECS No.: 500-234-8 Index No.: - REACH No.: 01-2119488639-16	<6	Skin Irrit.2 Eye Dam. 1 Aquatic Chronic 3	H315 H318 H412

Full text of H-phrases in Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General remarks:

In the case of any symptoms call your doctor and if it is possible to show the container or label.

Skin contact:

Take off contaminated clothing. Wash skin with soap and water Rinse thoroughly with water, rinse thoroughly with water, in case of irritation, contact a physician

Eye contact:

Contaminated eyes rinse with open eyelids. Consult a doctor.

Inhalation:

Remove to fresh air. Keep person warm and at rest. Consult a doctor.

Ingestion:

Rinse mouth with water. Do not induce vomiting! Obtain medical attention.

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

Skin contact: May causes irritation.

Eye contact: Causes irritation.

4.3. Indication of any immediate medical attention and special treatment needed

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: foam, dry powder extinguishers, CO₂, water spray. Use appropriate extinguishing method for conditions.

Unsuitable extinguishing media: Do not use a direct water jet.

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5.2. Special hazards arising from the substance or mixture

During the fire, can be released toxic decomposition products: carbon oxides.

5.3. Advice for firefighters

Containers in fire area cooled with water spray, if it is possible to remove the danger zone. In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air. Do not allow fire-fighting water run-off into surface water, groundwater and sewer.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: notify the appropriate service. Reduce access to the area of failure until the relevant cleaning operations have been completed.

For emergency responders: Ensure adequate ventilation. Use personal protective equipment.

6.2. Environmental precautions

Do not allow large amounts of this product to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Prevent leakage and absorb with inert, absorbent material (such as sand, earth, vermiculite, diatomaceous earth, etc.). The contaminated material is placed in properly labeled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections

Refer to protective measures listed in section 8.

Refer to disposal considerations listed in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes.

Do not eat, drink or smoke while using the product. Wash your hands after using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area in a properly labeled tightly sealed original container. Keep away from heat and hot surfaces. Avoid direct sunlight and sources of heat, hot surfaces and open flames.

7.3. Specific end use(s)

Washing gel

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values: none.

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)

DNEL worker, dermal, long-term, systemic: 4,16mg/kg

DNEL, worker, dermal, long-term, local: 0,09mg/cm²

DNEL, worker, inhalation, long-term, systemic: 73,4mg/m³

PNEC fresh water: 2,4µg/l

PNEC marine water: 0,24 µg/l

PNEC sediment: 14,5µg/kg

PNEC soil: 6,48µg/kg

8.2. Exposure controls

Engineering controls: not required

Individual protection measures, such as personal protective equipment:

Eye protection:

Avoid eye contact.

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Skin protection:

Hands:

Appropriate chemical resistant gloves (EN 374)

In case of short-term exposure, wear protective gloves with efficacy level 2 or greater (breakthrough time > 30min.).

For prolonged contact wear protective gloves with a level of effectiveness of 6 (breakthrough time > 480min.).

The selection of suitable gloves does not only depend on the material, but also on the brand and quality resulting from differences in manufacturers. Resistance of the material, the glove can be determined after the tests. The exact time of the destruction of the protective gloves must be determined by the manufacturer.

Other:

It is not required under normal conditions of use

Respiratory Protection:

It is not required under normal conditions of use

Thermal hazards:

Not applicable.

Environmental exposure controls:

Prevent the spread large quantities in the environment and enter drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Appearance: Liquid/gel
- Color: blue
- Odour: Characteristic, pleasant
- Odour threshold; not specified
- pH: not specified
- Melting point/freezing point; not specified
- Initial boiling point and boiling range; not specified
- Flash point; not specified
- Evaporation rate; not specified
- Flammability (solid, gas); not flammable
- Upper/lower flammability or explosive limits; not specified
- Vapour pressure; not specified
- Vapour density; not specified
- Relative density; >1g/cm³
- Solubility(ies); soluble in water
- Partition coefficient: n-octanol/water; not specified
- Auto-ignition temperature; not specified
- Decomposition temperature; not specified
- Viscosity; not specified
- Explosive properties; not specified
- Oxidising properties: not specified

9.2. Other information

No other information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not known.

10.2. Chemical stability

Stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

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None.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

(a) acute toxicity: based on the available data, the classification criteria are not met

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)

LD50 (oral, rat): >5000mg/kg

LD50 (dermal, rat): >2000mg/kg

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

LD50 (oral, rat): >2000mg/kg

(b) skin corrosion/irritation: based on the available data, the classification criteria are not met

(c) serious eye damage/irritation: **Causes serious eye irritation**

(d) respiratory or skin sensitization: based on the available data, the classification criteria are not met

(e) germ cell mutagenicity: based on the available data, the classification criteria are not met

(f) carcinogenicity: based on the available data, the classification criteria are not met

(g) reproductive toxicity: based on the available data, the classification criteria are not met

(h) STOT-single exposure: based on the available data, the classification criteria are not met

(i) STOT-repeated exposure: based on the available data, the classification criteria are not met

(j) aspiration hazard: based on the available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)

LC50 – fish: 2mg/l, 96h

LC50 – fish: 4,9mg/l, 96h

LC50 – fish (Oncorhynchus mykiss): 2,4mg/l, 96h

EC50 – algae: 0,32mg/l, 48h

LC50 – algae: 2,4mg/l, 96h

LC50 – microorganisms: 1mg/l, 96h

EC50 chronic for algae (Desmodesmus subspicatus): 0,39mg/l, 72h

12.2. Persistence and degradability

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)

71,1% in 28 days – easily biodegradable

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

>80% in 28 days – easily biodegradable

The surfactant/surfactants contained in this product are in accordance with the biodegradability criteria contained in the Directive (EC) No. 648/2004 on detergents. Data confirming this fact is at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of the detergent manufacturer.

12.3. Bioaccumulative potential

No date available.

12.4. Mobility in soil

No date available.

12.5. Results of PBT and vPvB assessment

Substances in the mixture do not meet the criteria for classification as PBT or vPvB in accordance with Annex XIII of REACH.

12.6. Other adverse effects

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No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product: Small quantities can be disposed with household waste. Dispose of in accordance with local regulations.

Recommendations for used packaging: Recycle / dispose of packaging waste in accordance with applicable regulations.

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

SECTION 14: Transport information

ADR/RID/IMDG/ICAO:

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

EU REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. 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)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
4. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

15.2. Chemical safety assessment

No chemical safety assessments for the mixture.

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SECTION 16: Other information

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

H315 – Causes skin irritation
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
Eye Dam. 1 – Serious eye damage cat. 1
Skin Irrit. 2 – Skin irritation cat. 2
Eye Irrit. 2 – Eye irritation cat.2
Aquatic Chronic 2 – Hazardous to the aquatic environment cat. 2
Aquatic Chronic 3 – Hazardous to the aquatic environment cat. 3
DNEL – Derived No-Effect Level
PNEC – Predicted No-Effect Concentration
LD50 – lethal dose
LC50 – lethal concentration
EC50 – effective concentration
PBT – Persistent, Bioaccumulative and Toxic
vPvB – very Persistent and very Bioaccumulative
ADR – International Carriage of Dangerous Goods by Road
RID – International Carriage of Dangerous Goods by Rail
IMDG – International Maritime Dangerous Goods
ICAO – Safe Transport of Dangerous Goods by Air

Classification procedure: Calculation method

Training:

Not required

RESOURCES

Annex to Regulation (EU) 2015/830.

Current legislation (Section 15).

Information Agency for Chemical Substances.

The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this MSDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.