

## MATERIAL SAFETY DATA SHEET

According to the annex II, Regulation of the European Parliament and of the Council 1907/2006/EC

Date of Issuance: 08.7.2015

Date of Inspection: ---

# 1559

### 1. IDENTIFICATION OF MATERIAL / MIXTURE AND COMPANY

#### 1.1 Identification of product

Trade Name: 1559

#### 1.2 Relevant identified uses of the substance or mixture and not recommended uses

Dishwashing liquid.

#### 1.3 Details of the supplier of the material safety data sheet

E.U.D.GROUP, a.s.

J. Palacha 121/8

690 02 Břeclav

Czech republic

Tel/Fax: +420-519-325-599

E-mail: info@eudgroup.com

#### Emergency telephone number:

Toxicology Information Center, Na Bojišti 1, 128 21 Praha, Tel: **224 919 293** or **224 915 402** (nonstop medical service).

### 2. HAZARD IDENTIFICATION:

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) nr. 1272/2008:

Serious eye irritation, Eye Irrit. 2, H319

Full text of R- and H-phrases see Section 16.

##### The most serious unfavorable effects:

Causes serious eye irritation.

#### 2.2 Labeling elements

##### Symbols:



Signal word: Warning

##### Standard sentences about dangerous:

H319 Causes serious eye irritation.

##### Instructions for safe treatment:

P305+P351+P338 IN CONTACT WITH EYES: A few minutes rinse carefully with water. Remove contact lenses if present and if is easy to do. Continue rinsing.

P337+P313 If eye irritation continous: Seek medical help / treatment

**Contains:** 5% or more, but less then 15% anionic surfactants; less than 5% non-ionic surfactants; enzymes; perfume; preserving agent 5-chloro-2methylisothiazol-3 (2H) –on (ES247-500-7) and 2-methylisothiazol-3(2H-on (ES 220-239-6) mixture 3:1.

#### 2.3 Other dangerous

It isn't known.

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### 3. COMPOSITION / INFORMATIONS ABOUT INGREDIENTS

#### 3.2 Mixtures

Name of ingredients	Content v hm%	EC No.	CAS No.	Index No.
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Alcohols,C12-14,ethoxylated, sulphates, natrium salts

1-9 500-224-8 68891-38-3 ---

REACH RN: 01-2119488639-16-xxxx

**Classification according to regulation 1272/2008/EC:**

Skin irritant, Skin Irrit. 2, H315

Eye irritation, Eye Irrit. 2, H319

Dangerous for aquatic environment, Aquatic Chronic 3, H412

Benzenesulfonic acid, mono C10-14- alkyl derivatives, sodium salts

0,1-1 285-600-2 85117-50-6 ---

**Classification according to regulation 1272/2008/ES:**

Acute toxicity, oral, Acute Tox. 4, H302

Skin irritant, Skin Irrit. 2, H315

Serious eye damage, Eye Dam. 1, H318

Full text of R- and H-phrases mentioned in Section 16.

### 4. FIRST AID INSTRUCTIONS:

#### 4.1 Description of first aid

**Inhalation:** Move injured individual to fresh air. Seek medical advice.

**Skin contact:** Wash the affected area with plenty of water.

**Eye contact:** Immediately start to flush the eye with water, rinse for at least 10 minutes. Remove contact lenses, if it can be removed easily, and continue flushing. Eyelids keep opened to wash the entire surface of the eye and eyelids. Seek medical advice immediately.

**Ingestion:** Do not induce vomiting. Person unconscious or convulsing dont give anything by mouth. . If possible, give activated carbon in a small amount (1 to 2 crushed tablets). In event of difficulties seek medical advice.

#### 4.2 Most important acute and delayed symptoms and effects

Causes serious eye irritation.

#### 4.3 Instruction regarding to immediately medical help and special treatment

Immediate medical help is not required

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Fire extinguishers

In case of fire use water, foam, sand, dry chemical powder, CO2.

**Unsuitable fire extinguishers:** full water jet.

#### 5.2 Special dangerous arising from the substance or mixture

In case of fire may form carbon dioxide, carbon monoxide. In case of fire, do not inhale smoke.

#### 5.3 Advice for firefighters

Firefighters must wear fire-resistant protective equipment, if needed breathing apparatus. Unauthorised persons dissipate outside the affected area. Containers exposed to fire cool with water.

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### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Safety precautions for the protection of persons, protective equipment and emergency procedures.** Avoid contact with skin and eyes. Do not breathe dust. Use personal protective equipment, see Section 8. Unauthorized personnel dissipate outside the affected area.
- 6.2 Environmental precautions:**  
Prevent entry into the drains or waterways.
- 6.3 Recommended cleaning and disposal methods:**  
Stop leak if possible. Leak substances pick up or sweep and place in a suitable closable container. Dispose in accordance with Section 13. Clean the affected area with plenty of water.
- 6.4 Reference to other sections**  
Section 7 for handling, Section 8 for personal protective equipment, Section 13 for removal.

### 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**  
When handling do not eat, drink or smoke. Avoid contact with skin and eyes. Do not breathe dust. For incompatible materials, see Section 10. After handling wash hands thoroughly.
- 7.2 Conditions for safe storage of materials and mixtures, including incompatible substances and mixtures**  
Store in accordance with local regulations. Store on a dry place. Keep away from food, drinks and feeds.
- 7.3 Specific end use / Specific end uses**  
See section 1.

### 8. RESTRICTION EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

- 8.1 Control parameters**  
Not determined. (NV ČR No. 361/2007 Sb.)
- 8.2 Restriction of exposure**
- 8.2.1 Suitable technical processes**  
Ensure good ventilation at the workplace.
- 8.2.2 Individual protection including personal protective equipment**  
Follow the principles of good working hygiene. Avoid contact with skin and eyes. Avoid creating dust. After handling the product wash with soap and water. Near must be installed safety shower and eyewash equipment. When using do not eat, drink or smoke. Contaminated clothes clean thoroughly.
- a) Protection of face:** When handling larger quantities wear protective goggles.
- b) Protection of skin:** i) hand – Minimize skin contact. When working with large quantities wear protective gloves  
ii) other parts of body– minimize skin contact

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c) **Protection of respiratory:** under normal conditions does not require

d) **Thermal dangerous:** data aren't not available

### 8.2.3 Restriction of environment exposure

Do not flush into surface water or sewer system.

## 9. INFORMATION ABOUT PHYSICAL AND CHEMICAL PROPERTIES:

### 9.1 Informations about basic physical and chemical properties

Appearance:	green liquid
Odor:	lemon fragrance
Odour Threshold:	undefined
pH value:	5-8 (1% solution)
Boiling point (range) (°C):	undefined
Melting point (range) (°C):	undefined
Flash point (°C):	undefined
Evaporation rate:	undefined
Flammability:	undefined
Upper / Lower Limits	
Flammability or explosion:	undefined
Vapor tension:	undefined
vapor density:	undefined
Relative density:	undefined
Solubility in water:	soluble
Partition coefficient	
n-octanol / water:	undefined
Decomposition Temperature:	undefined
Viscosity:	undefined
explosive properties:	not explosive
oxidation properties:	does not have oxidizing properties

### 9.2 Other informations

Further details are not available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Under normal conditions it is stable.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of dangerous reactions

Under normal conditions aren't known dangerous reactions.

### 10.4 Conditions to avoid

Aren't known.

### 10.5 Incompatible materials

Keep away from oxidizing agents, strong acids and strong alkalis.

### 10.6 Hazardous decomposition products

Decomposition products don't release under normal conditions.

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### 11. TOXICOLOGICAL INFORMATIONS

#### 11.1 Information about toxicological effects.

<b>Acute toxicity:</b>	Does not meet the criteria for classification.
<b>Corrosion / irritation:</b>	Does not meet the criteria for classification.
<b>Serious eye damage/irritation:</b>	Causes serious eye irritation.
<b>Sensitization:</b>	Does not meet criteria for classification.
<b>Germ cell mutagenicity:</b>	Does not meet criteria for classification.
<b>Carcinogenicity:</b>	Does not meet criteria for classification.
<b>Reproductive toxicity:</b>	Does not meet criteria for classification.
<b>Toxicity for specific target organs - single exposure:</b>	Does not meet criteria for classification.
<b>Toxicity for Specific target organs - repeated exposure:</b>	Does not meet criteria for classification.
<b>Inhalation hazard:</b>	Does not meet criteria for classification.

### 12. ECOLOGICAL INFORMATION:

#### 12.1 Toxicity

Does not meet criteria for classification

#### 12.2 Persistence and degradability

Data for mixtures aren't available.

The surfactants contained in the product comply with the conditions degradability under Regulation 648/2004 / EC.

#### 12.3 Bioaccumulative potential

Data for mixture aren't available.

#### 12.4 Mobility in soil

Data for mixture aren't available.

#### 12.5 Results of comparison PBT and vPvB

Data for mixture aren't available

#### 12.4 Other adverse effects

Data for mixture aren't available

### 13. INSTRUCTIONS FOR REMOVING

#### 13.1 Waste treatment methods

Dispose in accordance with local regulations. Empty containers may contain hazardous residues. Follow the warnings even after emptying the packaging. Do not flush into drains or the aquatic environment.

Dispose in accordance with the Waste Act no. 185/2001 Coll., as amended, Decree 381/2001 Coll., Act on Packaging no. 477/2001 Coll. as amended.

According to the European Waste Catalogue, Waste Codes are not specific for product, but specific for application. Waste codes should be assigned by the user, preferably in discussion with the authorities responsible for waste disposal.

### 14. TRANSPORT INFORMATIONS

#### 14.1 UN number

Not applicable.

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### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class/classes

Not applicable

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

Data aren't available.

### 14.7 Transport in bulk according to Annex II of MARPOL73 / 78 and the IBC Code

Not applicable.

## 15. REGULATORY INFORMATIONS

### 15.1 Regulations concerning safety, health and environmental regulations / specific legislation for the substance or mixture

Regulation of the European Parliament and Council (EC) no. 1907/2006 (REACH), Regulation of the European Parliament and Council (EC) no. 1272/2008 (CLP), Regulation of the European Parliament and Council (EC) no. 648/2004 on detergents, Act no. 350/2011 Coll. on chemical substances and mixtures, and on amending certain acts as amended, Act no. 258/2000 Coll. on public health protection, as amended.

### 15.2 15.2 Chemical Safety Assessment

For component alcohols, C12-14, ethoxylated, sulfates, sodium salts was a chemical safety assessment, further information on request.

## 16. OTHERS INFORMATIONS

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### Lists of relevant sentences:

**H302** Harmful if swallowed. **H315** Causes skin irritation. **H318** Causes serious eye damage. **H412** Harmful to aquatic life with long lasting effects.

**The Material safety data sheet has been prepared on the basis of information provided by E. U. D. GROUP, a. s.**

### Note:

MSDS aim is to enable users to make the necessary measures related to health, safety at work and environmental protection.

It is the responsibility of persons in receipt of this MSDS to everyone who can use the product, manipulate it, or in any way to come in contact with, were acquainted with the information contained in this document and understand them. If the recipient subsequently produce a product containing this product, it is his sole responsibility to ensure the transfer of all material information from vendor BL to BL their product, in accordance with applicable laws and regulations.

All information and instructions provided in this document are based on the current state of scientific and technical knowledge. The manufacturer will not be liable for any defect of the product, if the occurrence of such a defect could not be based on scientific and technical knowledge at the date of issue BL detectable.