

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 6/20/2015 Revision date: 11/24/2022 Supersedes version of: 8/11/2018 Version: 2.0

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

## **1.1. Product identifier**

Product form Product name

- : Mixture
- : PLASTCLEANER

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

#### 1.2.1. Relevant identified uses

Main use category Use of the substance/mixture

- : Professional use: For cleaning plastics, leather and textiles.
- 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer

Industrialna himia EOOD 2137 Dolno Kamartsi – BULGARIA Sofia Region T +359 88 759 2190 info@himia.bg - http://www.himia.bg/ E-mail address of competent person responsible for the SDS : <u>cgs@himia.bg</u>

### 1.4. Emergency telephone number

Emergency number

: European emergency number: 112

SECTION 2: Hazards identificati	on
2.1. Classification of the substance	or mixture
Classification according to Regulation ( Skin corrosion/irritation, Category 1, Sub-C Specific target organ toxicity – Repeated ex Full text of H- and EUH-statements: see se	ategory 1A H314 kposure, Category 2 H373
Adverse physicochemical, human health May be corrosive to metals. Causes severe	
2.2. Label elements	
Labelling according to Regulation (EC) I Hazard pictograms (CLP)	No. 1272/2008 [CLP]
Signal word (CLP) Contains Hazard statements (CLP) Precautionary statements (CLP)	<ol> <li>Danger</li> <li>DECYL GLUCOSIDE; tetrasodium ethylene diamine tetraacetate</li> <li>H314 - Causes severe skin burns and eye damage.</li> <li>P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 - Get medical advice/attention if you feel unwell.</li> </ol>
2.3. Other hazards	

#### This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
DECYL GLUCOSIDE (68515-73-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
LAURETH-10 (68002-97-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
tetrasodium ethylene diamine tetraacetate (64-02-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
TRIETHANOLAMINE (102-71-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
UREA (57-13-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## **SECTION 3: Composition/information on ingredients**

## 3.1. Substances

### Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
DECYL GLUCOSIDE	CAS-No.: 68515-73-1 REACH-no: 01-2119488530- 36	5 – 10	Skin Corr. 1A, H314 Eye Dam. 1, H318
tetrasodium ethylene diamine tetraacetate	CAS-No.: 64-02-8 EC-No.: 200-573-9 EC Index-No.: 607-428-00-2 REACH-no: 01-2119486762- 27	5 – 10	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373
LAURETH-10	CAS-No.: 68002-97-1 EC-No.: 500-182-6	≤ 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
TRIETHANOLAMINE	CAS-No.: 102-71-6 EC-No.: 203-049-8 REACH-no: 01-2119486482- 31	≤1	Acute Tox. 4 (Dermal), H312

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation	: Call a physician immediately. : Remove person to fresh air and keep comfortable for breathing.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	s, both acute and delayed
	-

Symptoms/effects after skin contact	:	Burns.
Symptoms/effects after eye contact	:	Serious damage to eyes.
Symptoms/effects after ingestion	:	Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipr	ment and emergency procedures		
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.		
6.1.2. For emergency responders			
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		
6.2. Environmental precautions			
Avoid release to the environment.			
6.3. Methods and material for containment and cleaning up			
Methods for cleaning up Other information	<ul><li>Take up liquid spill into absorbent material.</li><li>Dispose of materials or solid residues at an authorized site.</li></ul>		
6.4. Reference to other sections			

For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

7.2. Conditions for safe storage, including any incompatibilities			
Storage conditions	Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.		
Incompatible materials	: Metals.		

7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

## 8.2.2. Personal protection equipment

**Personal protective equipment:** Gloves. Protective goggles.

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

Eye protection: Safety glasses

#### 8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 8.2.3. Environmental exposure controls

## Environmental exposure controls:

Avoid release to the environment.

# SECTION 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

Physical state Colour	: Liquid : Yellow.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: 11 at 20C
Viscosity, kinematic	: Not available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.1 – 1.14 g/cm <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

# 9.2. Other information

# 9.2.1. Information with regard to physical hazard classes

## No additional information available

# 9.2.2. Other safety characteristics

,		
VOC content	:	0 %

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
metals.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

# **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information	
11.1. Information on hazard classes as define	d in Regulation (EC) No 1272/2008
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
DECYL GLUCOSIDE (68515-73-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
ETIDRONIC ACID (2809-21-4)	
LD50 oral rat	1878 mg/kg
LD50 oral	0 (1800 – 1900) mg/kg mouse
LD50 dermal rabbit	> 6000 mg/kg
, mouse	61 mg/kg (Symptoms/effects upon intravenous administration)
TRIETHANOLAMINE (102-71-6)	
LD50 dermal	2000 mg/kg
Skin corrosion/irritation :	Causes severe skin burns. pH: 11 at 20C
DECYL GLUCOSIDE (68515-73-1)	
рН	11.5 – 12.5
LAURETH-10 (68002-97-1)	
рН	5 – 7
tetrasodium ethylene diamine tetraacetate (64	4-02-8)
рН	11 – 11.8
UREA (57-13-6)	
рН	9.2 – 9.5
Serious eye damage/irritation :	Assumed to cause serious eye damage pH: 11 at 20C
DECYL GLUCOSIDE (68515-73-1)	
рН	11.5 – 12.5
LAURETH-10 (68002-97-1)	
рН	5 – 7
tetrasodium ethylene diamine tetraacetate (64	<b>1-02-</b> 8)
рН	11 – 11.8
UREA (57-13-6)	
рН	9.2 – 9.5
Respiratory or skin sensitisation:Germ cell mutagenicity:Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
DECYL GLUCOSIDE (68515-73-1)	
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure. (Based on available data, the classification criteria are not met)
tetrasodium ethylene diamine tetraace	tate (64-02-8)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
tetrasodium ethylene diamine tetraace	tate (64-02-8)
Viscosity, kinematic	20 mm²/s at 20 C
11.2. Information on other hazards	

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	Before neutralisation, the product may represent a danger to aquatic organisms. Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)	
DECYL GLUCOSIDE (68515-73-1)		
LC50 - Fish [1]	126 mg/l	
EC50 - Crustacea [1]	> 100 mg/l	
EC50 72h - Algae [1]	27.22 mg/l Scendesmus subspicatus	
NOEC chronic fish	1.8 mg/l 28d - Branchydanio rerio	
ETIDRONIC ACID (2809-21-4)		
LC50 - Fish [1]	868 mg/l Lepomis macrochirus	
LC50 - Fish [2]	200 mg/l 72 h; Oncorhynchus mykiss	
EC50 - Crustacea [1]	527 mg/l	
NOEC chronic fish	60 mg/l 14 d; Oncorhynchus mykiss	
NOEC chronic crustacea	6.8 mg/l 21 d;	
NOEC chronic algae	13 mg/l 14 days; Selenastrum capricornutum	
tetrasodium ethylene diamine tetraacetate (64	I-02-8)	
LC50 - Fish [1]	> 100 mg/l	
TRIETHANOLAMINE (102-71-6)		
LC50 - Fish [1]	450 – 1000 mg/l Lepomis macrochiru (static)	
EC50 - Crustacea [1]	1.39 mg/l 24 h; Daphnia magna	
EC50 72h - Algae [1]	216 mg/l Scendesmus subspicatus	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

PLASTCLEANER         Product is biodegradabile.           DECYL GLUCOSIDE (68615-73-1)         Product is biodegradabile.           Persistence and degradability         Product is biodegradabile.           LAURETH-10 (68002-97-1)         Product is biodegradabile.           Persistence and degradability         Product is biodegradability in water. no data available.           Latrasodium ethylene diamine tetraacetate (64-02-8)         Persistence and degradability           Persistence and degradability         Biodegradability in water. no data available.           UREA (57-13-6)         Product is biodegradable.           Persistence and degradability         Product is biodegradabile.           L3. Bioaccumulative potential         Product is biodegradabile.           PLASTCLEANER         Bioaccumulative potential           Bioaccumulative potential         Not established.           DECYL GLUCOSIDE (68615-73-1)         Partition coefficient n-octano/water (Log Pow)           Partition coefficient n-octano/water (Log Pow)         4.07 at 40 C           LAURETH-10 (68002-97-1)         Bioaccumulative potential           Robaccumulative potential         No bioaccumulation data available.           TETRANOLAMINE (102-71-6)         Soloaccumulation data available.           Bioaccumulative potential         No bioaccumulation data available.           UREA (57-13-6) <th colspan="3">12.2. Persistence and degradability</th>	12.2. Persistence and degradability		
DECYL GLUCOSIDE (68515-73-1)         Persistence and degradability       Product is biodegradable.         LAURETH-10 (68002-97-1)         Persistence and degradability       Product is biodegradable.         tetrasocium ethylene clamine tetraacetate (64-02-8)         Persistence and degradability       Biodegradability in water: no data available.         UREA (57-13-6)         Persistence and degradability       Product is biodegradabile.         12.3. Bioaccumulative potential       Not established.         PLASTCLEANER       Bioaccumulative potential         Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)       Partition coefficient n-octanolwater (Log Pow)         Platten coefficient n-octanolwater (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       Bioaccumulative potential         No bioaccumulation data available.       tetrasocium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanolwater (Log Pow)       < 3	PLASTCLEANER		
Persistence and degradability         Product is biodegradable.           LAURETH-10 (68002-97-1)         Product is biodegradable.           tetrasodium ethylene diamine tetraacetate (64-02-8)         Persistence and degradability         Biodegradability in water. no data available.           UREA (57-13-6)         Product is biodegradabile.         Image: Comparison of Comp	Persistence and degradability	Product is biodegradable.	
LAURETH-10 (68002-97-1)         Persistence and degradability       Product is biodegradable.         tetrascollum ethylene diamine tetraacetate (64-02-8)         Persistence and degradability       Biodegradability in vater: no data available.         UREA (57-13-6)         Persistence and degradability       Product is biodegradabile.         12.3. Bioaccumulative potential       Product is biodegradable.         PLASTCLEANER       Bioaccumulative potential         Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       Bioaccumulative potential         Bioaccumulative potential       Not established.         Defort - GLUCOSIDE (68515-73-1)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       Bioaccumulative potential         Bioaccumulative potential       No bioaccumulation data available.         tetrascoluum ethylene diamine tetraacetate (64-02-8)       Partition coefficient n-octanol/water (Log Pow)         e1 attrascoluum ethylene diamine tetraacetate (64-02-8)       Partition coefficient n-octanol/water (Log Pow)         Bioaccumulative potential       Not bioaccumulation data available.         UREA (57-13-6)       Bioaccumulative potential         Bioaccumulative potential       Not bioaccumulation data available.	DECYL GLUCOSIDE (68515-73-1)		
Persistence and degradability         Product is biodegradable.           tetrasodium ethylene diamine tetraacetate (64-02-8)           Persistence and degradability         Biodegradability in water: no data available.           UREA (57-13-6)         Product is biodegradabile.           12.3. Bioaccumulative potential         Product is biodegradabile.           PLASTCLEANER         Bioaccumulative potential           Bioaccumulative potential         Not established.           DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)           Partition coefficient n-octanol/water (Log Pow)         -0.07 at 40 C           LAURETH-10 (68002-97-1)         Bioaccumulation data available.           Etarasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)           Partition coefficient n-octanol/water (Log Pow)         < 3	Persistence and degradability	Product is biodegradable.	
tetrasodium ethylene diamine tetraacetate (64-02-8)           Persistence and degradability         Biodegradability in water: no data available.           UREA (57-13-6)         Presistence and degradability           Persistence and degradability         Product is biodegradabile.           12.3. Bioaccumulative potential         Presistence and degradability           PLASTCLEANER         Bioaccumulative potential           Bioaccumulative potential         Not established.           DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)           Partition coefficient n-octanol/water (Log Pow)         -0.07 at 40 C           LAURETH-10 (68002-97-1)         Bioaccumulative potential           Bioaccumulative potential         No bioaccumulation data available.           tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)           Y 3         TRIETHANOLAMINE (102-71-6)           Bioaccumulative potential         Not established.           UREA (57-13-6)         Bioaccumulative potential           Bioaccumulative potential         No bioaccumulation data available.           12.4. Mobility in soil         DCYL GLUCOSIDE (68515-73-1)           Organic Carbon Normalized Adsorption Coefficient (Log Koc)         1.7 at 25 C           Ucg Koc)         0.0037 – 0.064	LAURETH-10 (68002-97-1)		
Persistence and degradability       Biodegradability invater: no data available.         UREA (57-13-6)       Persistence and degradability         Persistence and degradability       Product is biodegradable.         12.3. Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)       Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       Bioaccumulative potential       No bioaccumulation data available.         Eterasodium ethylene diamine tetraacetate (64-02-8)       Partition coefficient n-octanol/water (Log Pow)       < 3	Persistence and degradability	Product is biodegradable.	
UREA (67-13-6)         Persistence and degradability       Product is biodegradable.         12.3. Bioaccumulative potential       PLASTCLEANER         Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)       -0.07 at 40 C         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       Bioaccumulative potential         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	tetrasodium ethylene diamine tetraacetate (64	-02-8)	
Persistence and degradability       Product is biodegradable.         12.3. Bioaccumulative potential       Not established.         PLASTCLEANER       Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)       -0.07 at 40 C       L         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C       L         LAURETH-10 (68002-97-1)       Bioaccumulative potential       No bioaccumulation data available.         Etasodium ethylene diamine tetraacetate (64-02-8)       Partition coefficient n-octanol/water (Log Pow)       <3	Persistence and degradability	Biodegradability in water: no data available.	
12.3. Bioaccumulative potential         PLASTCLEANER         Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	UREA (57-13-6)		
PLASTCLEANER         Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	Persistence and degradability	Product is biodegradable.	
Bioaccumulative potential       Not established.         DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	12.3. Bioaccumulative potential		
DECYL GLUCOSIDE (68515-73-1)         Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	PLASTCLEANER		
Partition coefficient n-octanol/water (Log Pow)       -0.07 at 40 C         LAURETH-10 (68002-97-1)       No bioaccumulation data available.         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	Bioaccumulative potential	Not established.	
LAURETH-10 (68002-97-1)         Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	DECYL GLUCOSIDE (68515-73-1)		
Bioaccumulative potential       No bioaccumulation data available.         tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	Partition coefficient n-octanol/water (Log Pow)	-0.07 at 40 C	
tetrasodium ethylene diamine tetraacetate (64-02-8)         Partition coefficient n-octanol/water (Log Pow)       < 3	LAURETH-10 (68002-97-1)		
Partition coefficient n-octanol/water (Log Pow)       < 3	Bioaccumulative potential	No bioaccumulation data available.	
TRIETHANOLAMINE (102-71-6)         Bioconcentration factor (BCF REACH)       < 0.4 42 d; Cyprinus carpio	tetrasodium ethylene diamine tetraacetate (64	I-02-8)	
Bioconcentration factor (BCF REACH)       < 0.4 42 d; Cyprinus carpio	Partition coefficient n-octanol/water (Log Pow)	< 3	
Bioaccumulative potential       Not established.         UREA (57-13-6)       Image: State St	TRIETHANOLAMINE (102-71-6)		
UREA (57-13-6)         Bioaccumulative potential       No bioaccumulation data available.         12.4. Mobility in soil         DECYL GLUCOSIDE (68515-73-1)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       1.7 at 25 C         UREA (57-13-6)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       0.0037 – 0.064         12.5. Results of PBT and vPvB assessment         PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	Bioconcentration factor (BCF REACH)	< 0.4 42 d; Cyprinus carpio	
Bioaccumulative potential       No bioaccumulation data available.         12.4. Mobility in soil         DECYL GLUCOSIDE (68515-73-1)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)         UREA (57-13-6)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)         0.0037 – 0.064         12.5. Results of PBT and vPvB assessment         PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	Bioaccumulative potential	Not established.	
12.4. Mobility in soil         DECYL GLUCOSIDE (68515-73-1)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)         UREA (57-13-6)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)         0.0037 - 0.064         12.5. Results of PBT and vPvB assessment         PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	UREA (57-13-6)		
DECYL GLUCOSIDE (68515-73-1)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       1.7 at 25 C         UREA (57-13-6)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       0.0037 – 0.064         12.5. Results of PBT and vPvB assessment         PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	Bioaccumulative potential	No bioaccumulation data available.	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)       1.7 at 25 C         UREA (57-13-6)       0.0037 – 0.064         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       0.0037 – 0.064         12.5. Results of PBT and vPvB assessment       PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	12.4. Mobility in soil		
(Log Koc)       UREA (57-13-6)         Organic Carbon Normalized Adsorption Coefficient (Log Koc)       0.0037 – 0.064         12.5. Results of PBT and vPvB assessment         PLASTCLEANER         This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	DECYL GLUCOSIDE (68515-73-1)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)       0.0037 – 0.064 <b>12.5. Results of PBT and vPvB assessment PLASTCLEANER</b> This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII		1.7 at 25 C	
(Log Koc)  12.5. Results of PBT and vPvB assessment  PLASTCLEANER  This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	UREA (57-13-6)	·	
PLASTCLEANER This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII		0.0037 – 0.064	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	12.5. Results of PBT and vPvB assessment		
	PLASTCLEANER		
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII		
	This substance/mixture does not meet the vPvB criteria	of REACH regulation, annex XIII	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Component		
DECYL GLUCOSIDE (68515-73-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
LAURETH-10 (68002-97-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
tetrasodium ethylene diamine tetraacetate (64-02-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
TRIETHANOLAMINE (102-71-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
UREA (57-13-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

## **12.6. Endocrine disrupting properties**

No additional information available

12.7. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods European List of Waste (LoW) code	<ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>07 06 01* - aqueous washing liquids and mother liquors</li> <li>15 01 10* - packaging containing residues of or contaminated by dangerous substances</li> </ul>

# SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
UN 1760	UN 1760	Not regulated	UN 1760	UN 1760
14.2. UN proper shipping	g name		·	
CORROSIVE LIQUID, N.O.S.	CORROSIVE LIQUID, N.O.S.	Not regulated	CORROSIVE LIQUID, N.O.S.	CORROSIVE LIQUID, N.O.S.
Transport document descri	iption		·	
UN 1760 CORROSIVE LIQUID, N.O.S., 8, III, (E)	UN 1760 CORROSIVE LIQUID, N.O.S., 8, I	Not regulated	UN 1760 CORROSIVE LIQUID, N.O.S., 8, I	UN 1760 CORROSIVE LIQUID, N.O.S., 8, I
14.3. Transport hazard c	lass(es)			
8	8	Not regulated	8	8
B	R R R R R R R R R R R R R R R R R R R	Not regulated	B	B
14.4. Packing group				
III	I	Not regulated	I	I

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG		ΙΑΤΑ	ADN	RID
14.5. Environmental haza	ards			•	
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: N	,	Not regulated	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	available				
14.6. Special precautions	for user				
Overland transport					
Classification code (ADR)		: C9			
Special provisions (ADR)		: 274	ŀ		
_imited quantities (ADR)		: 51			
Excepted quantities (ADR)		: E1			
Packing instructions (ADR)		: P00	01, IBC03, LP01, R001		
Vixed packing provisions (ADF	२)	: MP	19		
Portable tank and bulk contain	er instructions (ADR)	: T7			
Portable tank and bulk contain	er special provisions	: TP	1, TP28		

Portable tank and bulk container special provisions (ADR)	:	TP1, TP28
Tank code (ADR)	:	L4BN
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3
Special provisions for carriage - Packages (ADR)	:	V12
Hazard identification number (Kemler No.)	:	80
Orange plates	:	80

Tunnel restriction code (ADR)	
-------------------------------	--

## Transport by sea

Special provisions (IMDG)	: 274
Packing instructions (IMDG)	: P001
Tank instructions (IMDG)	: T14
Tank special provisions (IMDG)	: TP2, TP27
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: B
Stowage and handling (IMDG)	: SW2
Properties and observations (IMDG)	: Causes burns to skin, eyes and mucous membranes.

: C9 : 274 : 0 : E0 : T : PP, EP : 0

: E

1760

# Air transport

Not regulated

### Inland waterway transport

Classification code (ADN)
Special provisions (ADN)
Limited quantities (ADN)
Excepted quantities (ADN)
Carriage permitted (ADN)
Equipment required (ADN)
Number of blue cones/lights (ADN)

# Rail transport

Classification code (RID)	:	C9
Special provisions (RID)	:	274
Limited quantities (RID)	:	0
Excepted quantities (RID)	:	E0
Packing instructions (RID)	:	P001

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID)	: MP8, MP17 : T14 : TP2, TP27
Tank codes for RID tanks (RID)	: L10BH
Special provisions for RID tanks (RID)	: TU38, TE22
Transport category (RID)	: 1
Hazard identification number (RID)	: 88

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)					
Reference code	Applicable on	Entry title or description			
3.	reaction mass of 5-chloro- 2-methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one (3:1) ; tetrasodium ethylene diamine tetraacetate	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008			
3(b)	PLASTCLEANER ; DECYL GLUCOSIDE ; ETIDRONIC ACID ; LAURETH-10 ; reaction mass of 5-chloro-2- methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one (3:1) ; tetrasodium ethylene diamine tetraacetate ; TRIETHANOLAMINE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10			
3(c)	reaction mass of 5-chloro- 2-methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one (3:1)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1			

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### VOC Directive (2004/42)

: 0 %

VOC content

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Full text of H- and EUH-statements:				
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4			
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4			
Eye Dam. 1	Serious eye damage/eye irritation, Category 1			
H290	May be corrosive to metals.			
H302	Harmful if swallowed.			
H312	Harmful in contact with skin.			
H314	Causes severe skin burns and eye damage.			
H315	Causes skin irritation.			
H318	Causes serious eye damage.			
H332	Harmful if inhaled.			
H373	May cause damage to organs through prolonged or repeated exposure.			
Met. Corr. 1	Corrosive to metals, Category 1			
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A			
Skin Irrit. 2	Skin corrosion/irritation, Category 2			
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2			

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.