

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date:  
5/25/2023 Version: 1.2

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Gunk Curtain Cleaner  
Product code : 6878  
UFI : UQP1-N0GM-D00E-JDEE  
Type of product : Detergent

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use  
Use of the substance/mixture : Cleaning/washing agents and additives  
Function or use category : Cleaning/washing agents and additives

#### 1.2.2. Uses advised against

No additional information available

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

#### Granville Oil & Chemicals Ltd

29 Goldthorpe Ind. Est  
Goldthorpe  
Rotherham  
South Yorkshire  
S63 9BL  
T 01709 890099  
lab@granvilleoil.com

#### Veedol Ireland Ltd

77 Camden Street Lower  
Saint Kevin's  
Dublin  
Ireland  
D02 XE80  
T +353 151 363 47

### 1.4. Emergency telephone number

Emergency number : +44 (0)1709 890099

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1

Serious eye damage/eye irritation, Category 1

#### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

H314

H318 Full text of H-statements: see section 16

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: <5% non-ionic surfactants, NTA (nitrilotriacetic acid) and salts thereof, amphoteric surfactants, phosphates.

UFI

: UQP1-N0GM-D00E-JDEE

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP)

: P280 - Wear protective clothing, eye protection.  
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
Immediately call a doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.  
P321 - Specific treatment (see supplemental first aid instruction on this label).

### 2.3. Other hazards

No additional information available

## 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]  |
|---|--|------------|--|
| SODIUM METASILICATE PENTAHYDRATE                                  | CAS-No.: 6834-92-0<br>EC-No.: 229-912-9<br>EC Index-No.: 014-010-00-8<br>REACH-no: 01-2119449811-37      | ≥ 5 – < 10 | Skin Corr. 1B, H314<br>STOT SE 3, H335   |
| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve | CAS-No.: 111-76-2<br>EC-No.: 203-905-0<br>EC Index-No.: 603-014-00-0<br>REACH-no: 01-2119475108-36       | ≥ 1 – < 5  | Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 |
| Trisodium Nitrilotriacetate                                       | CAS-No.: 5064-31-3<br>EC-No.: 225-768-6<br>EC Index-No.: 607-620-00-6<br>REACH-no: 01-2119519239-36-XXXX | ≥ 1 – < 5  | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319  |
| COCAMIDOPROPYL BETAINE  | CAS-No.: 70851-07-9<br>EC-No.: 274-923-4<br>REACH-no: 01-2119488533-XXXX                                 | ≥ 1 – < 5  | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412   |
| C9-11 PARETH-6  | CAS-No.: 68439-46-3  | ≥ 1 – < 5  | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318  |

Specific concentration limits: see section 16

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            | : Call a physician immediately.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| 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 effects, 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 substance 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 equipment 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 | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

#### 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.                          |

#### 7.2. Conditions for safe storage, including any incompatibilities

|                    |   |
|--------------------|---|
| Storage conditions | : Store locked up. Store in a well-ventilated place. Keep cool. |
|--------------------|---|

### 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 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

### 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                                  | : Liquid            |
| Colour  | : pink.             |
| Odour   | : No data available |
| Odour threshold                                 | : No data available |
| pH  | : 14                |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20°C                 | : No data available |
| Relative density                                | : 1.1               |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

No additional information available

## 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

No additional information available

### 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 toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

**COCAMIDOPROPYL BETAINE (70851-07-9)**

|               |            |
|---------------|------------|
| LD50 oral rat | 2000 mg/kg |
|---------------|------------|

**Trisodium Nitrilotriacetate (5064-31-3)**

|               |            |
|---------------|------------|
| LD50 oral rat | 4200 mg/kg |
|---------------|------------|

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: 14  |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 14 |
| Respiratory or skin sensitisation | : Not classified                       |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |
| Reproductive toxicity             | : Not classified                       |
| STOT-single exposure              | : Not classified                       |

**SODIUM METASILICATE PENTAHYDRATE (6834-92-0)**

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

|                        |                  |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
| Aspiration hazard      | : Not classified |

**SECTION 12: Ecological information**
**12.1. Toxicity**

|   |   |
|---|---|
| Ecology - general   | : Before neutralisation, the product may represent a danger to aquatic organisms. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |
| Not rapidly degradable                                    |   |

**12.2. Persistence and degradability**
**CURTAIN CLEANER**

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

|                |        |
|----------------|--------|
| Biodegradation | > 85 % |
|----------------|--------|

**C9-11 PARETH-6 (68439-46-3)**

|                |                     |
|----------------|---------------------|
| Biodegradation | 82 % within 28 days |
|----------------|---------------------|

**2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)**

|                |                       |
|----------------|-----------------------|
| Biodegradation | 90.4 % within 28 days |
|----------------|-----------------------|

**Trisodium Nitrilotriacetate (5064-31-3)**

|                |        |
|----------------|--------|
| Biodegradation | < 96 % |
|----------------|--------|

**12.3. Bioaccumulative potential**
**CURTAIN CLEANER**

|                           |                         |
|---------------------------|-------------------------|
| Bioaccumulative potential | Does not bioaccumulate. |
|---------------------------|-------------------------|

**12.4. Mobility in soil**

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available






# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

# SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG   | IATA  | ADN  | RID  |
|---|--|---|--|--|
| <b>14.1. UN number</b>  |  |   |  |  |
| UN 1760   | UN 1760  | UN 1760   | UN 1760  | UN 1760  |
| <b>14.2. UN proper shipping name</b>  |  |   |  |  |
| CORROSIVE LIQUID,<br>N.O.S. (CONTAINS :<br>sodium hydroxide; caustic<br>soda)                         | CORROSIVE LIQUID,<br>N.O.S. (CONTAINS :<br>sodium hydroxide; caustic<br>soda)                    | Corrosive liquid, n.o.s.<br>(CONTAINS : sodium<br>hydroxide; caustic soda)                    | CORROSIVE LIQUID,<br>N.O.S. (CONTAINS :<br>sodium hydroxide; caustic<br>soda)                    | CORROSIVE LIQUID,<br>N.O.S. (CONTAINS :<br>sodium hydroxide; caustic<br>soda)                    |
| <b>Transport document description</b>   |  |   |  |  |
| UN 1760 CORROSIVE<br>LIQUID, N.O.S.<br>(CONTAINS : sodium<br>hydroxide; caustic soda), 8,<br>III, (E) | UN 1760 CORROSIVE<br>LIQUID, N.O.S.<br>(CONTAINS : sodium<br>hydroxide; caustic soda), 8,<br>III | UN 1760 Corrosive liquid,<br>n.o.s. (CONTAINS : sodium<br>hydroxide; caustic soda), 8,<br>III | UN 1760 CORROSIVE<br>LIQUID, N.O.S.<br>(CONTAINS : sodium<br>hydroxide; caustic soda), 8,<br>III | UN 1760 CORROSIVE<br>LIQUID, N.O.S.<br>(CONTAINS : sodium<br>hydroxide; caustic soda), 8,<br>III |
| <b>14.3. Transport hazard class(es)</b>   |  |   |  |  |
| 8   | 8  | 8   | 8  | 8  |
|                    |               |            |             |             |
| <b>14.4. Packing group</b>  |  |   |  |  |
| III   | III  | III   | III  | III  |
| <b>14.5. Environmental hazards</b>  |  |   |  |  |
| Dangerous for the<br>environment: No  | Dangerous for the<br>environment: No<br>Marine pollutant: No                                     | Dangerous for the<br>environment: No  | Dangerous for the<br>environment: No   | Dangerous for the<br>environment: No   |
| No supplementary information available  |  |   |  |  |

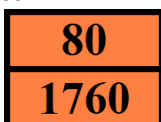
## 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : C9  
Special provisions (ADR) : 274  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T7  
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 :



Tunnel restriction code (ADR) : E  
EAC code : 2X  
APP code : B

**Transport by sea**

Special provisions (IMDG) : 223, 274  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T7  
Tank special provisions (IMDG) : TP1, TP28  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : A  
Stowage and handling (IMDG) : SW2  
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

**Air transport**

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y841  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 852  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 856  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

**Inland waterway transport**

Classification code (ADN) : C9  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

**Rail transport**

Classification code (RID) : C9  
Special provisions (RID) : 274  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T7  
Portable tank and bulk container special provisions (RID) : TP1, TP28

Tank codes for RID tanks (RID) : L4BN





Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 80

#### 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

#### 15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)  
Contains no substance(s) listed on the REACH Candidate List  
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)  
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)  
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Detergent Regulation (648/2004/EC): Ingredient data sheet

| Component   | CAS-No.    | %        |
|---|------------|----------|
| AQUA  | 7732-18-5  | ≥10%     |
| disodium metasilicate   | 6834-92-0  | 1 - 10%  |
| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve | 111-76-2   | 1 - 10%  |
| trisodium nitrilotriacetate                                       | 5064-31-3  | 1 - 10%  |
| COCAMIDOPROPYL BETAINE  | 70851-07-9 | 1 - 10%  |
| C9-11 PARETH-6  | 68439-46-3 | 1 - 10%  |
| TETRAPOTASSIUM PYROPHOSPHATE                                      | 7320-34-5  | 0.1 - 1% |
| sodium hydroxide; caustic soda                                    | 1310-73-2  | 0.1 - 1% |

#### Detergent Regulation (648/2004/EC): Labelling of contents

| Component  | %   |
|--|-----|
| non-ionic surfactants, NTA (nitrilotriacetic acid) and salts thereof, amphoteric surfactants, phosphates | <5% |

#### 15.1.2. National regulations

##### France

##### Occupational diseases

| Code  | Description   |
|-------|---|
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

##### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
: Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)  
Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : COCAMIDOPROPYL BETAINE is listed  
SZW-lijst van mutagene stoffen : COCAMIDOPROPYL BETAINE is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen –  
Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### Switzerland

Storage class (LK) : LK 8 - Corrosive materials

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms |   |
|----------------------------|---|
| ADN                        | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                        | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                        | Acute Toxicity Estimate   |
| BCF                        | Bioconcentration factor   |
| BLV                        | Biological limit value  |
| BOD                        | Biochemical oxygen demand (BOD)   |
| COD                        | Chemical oxygen demand (COD)  |
| DMEL                       | Derived Minimal Effect level  |
| DNEL                       | Derived-No Effect Level   |
| EC-No.                     | European Community number   |
| EC50                       | Median effective concentration  |
| EN                         | European Standard   |
| IARC                       | International Agency for Research on Cancer   |
| IATA                       | International Air Transport Association   |
| IMDG                       | International Maritime Dangerous Goods  |
| LC50                       | Median lethal concentration   |
| LD50                       | Median lethal dose  |
| LOAEL                      | Lowest Observed Adverse Effect Level  |
| NOAEC                      | No-Observed Adverse Effect Concentration  |
| NOAEL                      | No-Observed Adverse Effect Level  |
| NOEC                       | No-Observed Effect Concentration  |
| OECD                       | Organisation for Economic Co-operation and Development  |
| OEL                        | Occupational Exposure Limit   |
| PBT                        | Persistent Bioaccumulative Toxic  |
| PNEC                       | Predicted No-Effect Concentration   |
| RID                        | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS                        | Safety Data Sheet   |
| STP                        | Sewage treatment plant  |

**Abbreviations and acronyms**

|         |  |
|---------|--|
| ThOD    | Theoretical oxygen demand (ThOD)         |
| TLM     | Median Tolerance Limit                   |
| VOC     | Volatile Organic Compounds               |
| CAS-No. | Chemical Abstract Service number         |
| N.O.S.  | Not Otherwise Specified                  |
| vPvB    | Very Persistent and Very Bioaccumulative |
| ED      | Endocrine disrupting properties          |

**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  |
| Aquatic Chronic 3         | Hazardous to the aquatic environment – Chronic Hazard, Category 3                          |
| Carc. 2                   | Carcinogenicity, Category 2  |
| Eye Dam. 1                | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2  |
| Skin Corr. 1              | Skin corrosion/irritation, Category 1  |
| Skin Corr. 1B             | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2  |
| STOT SE 3                 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| 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.   |
| H319                      | Causes serious eye irritation.   |
| H332                      | Harmful if inhaled.  |
| H335                      | May cause respiratory irritation.  |
| H351                      | Suspected of causing cancer.   |
| H412                      | Harmful to aquatic life with long lasting effects.   |

| Name                        | Product identifier   | Specific concentration limits                                      |
|-----------------------------|--|--|
| Trisodium Nitrilotriacetate | CAS-No.: 5064-31-3<br>EC-No.: 225-768-6<br>EC Index-No.: 607-620-00-6<br>REACH-no: 01-2119519239-36-XXXX | ( 5 ≤C ≤ 100) Carc. 2, H351  |
| COCAMIDOPROPYL BETAINE      | CAS-No.: 70851-07-9<br>EC-No.: 274-923-4<br>REACH-no: 01-2119488533-XXXX                                 | ( 4 ≤C < 10) Eye Irrit. 2, H319<br>( 10 ≤C < 100) Eye Dam. 1, H318 |

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.