

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Keno™san  
Product code : 8

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : See product bulletin for detailed information  
Function or use category : Cleaner

#### 1.2.2. Uses advised against

No additional information available

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

CID LINES NV  
Waterpoortstraat, 2  
B-8900 Ieper - Belgique  
T + 32 57 21 78 77 - F +32 57 21 78 79  
[sds@cidlines.com](mailto:sds@cidlines.com) - <http://www.cidlines.com>

### 1.4. Emergency telephone number

| Country        | Organisation/Company  | Address   | Emergency number            | Comment |
|----------------|---|---|-----------------------------|---------|
| Australia      | Poisons Information Centre  |   | 13 11 26                    |         |
| New Zealand    | The National Poisons Centre   | University of Otago, 2nd Floor, Adams Building, 18 Frederick Street, 9016 Dunedin | 0800 764 766<br>0800 POISON |         |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London   | +44 20 7188 7188            |         |

## 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 1A H314  
Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

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

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.  
Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P303 - IF ON SKIN (or hair) Remove immediately all contaminated clothing. Wash with plenty of soap and water.  
P305 - IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor Specific treatment.  
P363 - Wash contaminated clothing before reuse.  
P301+P330+P331+P310+P321 - IF SWALLOWED Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTER/doctor Specific treatment.

### 2.3. Other hazards

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

## 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 hydroxide  | (CAS-No.) 1310-73-2<br>(EC-No.) 215-185-5<br>(EC Index-No.) 11-002-00-6<br>(REACH-no) 01-2119457892-27 | 5 - 15 | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318   |
| 2-(2-butoxyethoxy)ethanol   | (CAS-No.) 112-34-5<br>(EC-No.) 203-961-6<br>(EC Index-No.) 603-096-00-8<br>(REACH-no) 01-2119475104-44 | 5 - 15 | Eye Irrit. 2, H319  |
| Amines, N-C8-22-alkyltrimethylenedi-, acrylated, sodium salts   | (CAS-No.) 97659-50-2<br>(EC-No.) 307-455-7<br>(REACH-no) Pre-registered                                | 1 - 5  | Eye Irrit. 2, H319  |
| Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts | (CAS-No.) 68439-57-6<br>(EC-No.) 270-407-8<br>(REACH-no) 01-2119513401-57                              | 1 - 5  | Eye Dam. 1, H318<br>Skin Irrit. 2, H315                         |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Assure fresh air breathing. Allow the victim to rest. Seek medical attention immediately.  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical advice (show the label where possible). |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Seek medical attention immediately.  |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting because of corrosive effects. Take to hospital.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Inhalation of vapour can cause breathing difficulties. Cough. Sore throat.  |
| Symptoms/effects after skin contact | : Redness, pain. Causes severe skin burns and eye damage.   |
| Symptoms/effects after eye contact  | : Redness, pain. Blurred vision. Tears. Serious damage to eyes.   |
| Symptoms/effects after ingestion    | : Burning sensation. Cough. Cramps. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard. |

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

No additional information available

### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Not flammable.   |
| Explosion hazard                                 | : Not expected to be a fire/explosion hazard under normal conditions of use. |
| Reactivity in case of fire                       | : Corrosive vapours.   |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Corrosive vapours.                            |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Precautionary measures fire    | : Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Heat resistant gloves. |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers.   |
| Protection during firefighting | : Wear proper protective equipment.  |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Clean up any spills as soon as possible, using an absorbent material to collect it.

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : When handling product, avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe vapour/aerosol. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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

Storage conditions : Keep only in the original container in a cool well ventilated place. Do not store in corrodable metal. Keep container closed when not in use. Protect from freezing.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Sodium hydroxide (1310-73-2)         |                                     |                                 |
|--------------------------------------|-------------------------------------|---------------------------------|
| United Kingdom                       | Local name                          | Sodium hydroxide                |
| United Kingdom                       | WEL STEL (mg/m <sup>3</sup> )       | 2 mg/m <sup>3</sup>             |
| United Kingdom                       | Regulatory reference                | EH40. HSE                       |
| USA - OSHA                           | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>             |
| 2-(2-butoxyethoxy)ethanol (112-34-5) |                                     |                                 |
| EU                                   | Local name                          | 2-(2-Butoxyethoxy)ethanol       |
| EU                                   | IOELV TWA (mg/m <sup>3</sup> )      | 67.5 mg/m <sup>3</sup>          |
| EU                                   | IOELV TWA (ppm)                     | 10 ppm                          |
| EU                                   | IOELV STEL (mg/m <sup>3</sup> )     | 101.2 mg/m <sup>3</sup>         |
| EU                                   | IOELV STEL (ppm)                    | 15 ppm                          |
| EU                                   | Regulatory reference                | COMMISSION DIRECTIVE 2006/15/EC |
| United Kingdom                       | Local name                          | 2-(2-Butoxyethoxy)ethanol       |
| United Kingdom                       | WEL TWA (mg/m <sup>3</sup> )        | 67.5 mg/m <sup>3</sup>          |
| United Kingdom                       | WEL TWA (ppm)                       | 10 ppm                          |
| United Kingdom                       | WEL STEL (mg/m <sup>3</sup> )       | 101.2 mg/m <sup>3</sup>         |
| United Kingdom                       | WEL STEL (ppm)                      | 15 ppm                          |
| United Kingdom                       | Regulatory reference                | EH40. HSE                       |

#### Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts (68439-57-6)

| DNEL/DMEL (Workers)                      |                              |
|--|------------------------------|
| Acute - systemic effects, dermal         | mg/kg bodyweight/day         |
| Long-term - systemic effects, dermal     | 2158.33 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 152.22 mg/m <sup>3</sup>     |
| DNEL/DMEL (General population)           |                              |
| Long-term - systemic effects, oral       | 12.95 mg/kg bodyweight/day   |
| Long-term - systemic effects, inhalation | 45.04 mg/m <sup>3</sup>      |

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| <b>Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts (68439-57-6)</b> |   |
|---|---|
| Long-term - systemic effects, dermal  | 1295 mg/kg bodyweight/day                 |
| PNEC (Water)  |   |
| PNEC aqua (freshwater)  | 0.024 mg/l Assessment factor: 50          |
| PNEC aqua (marine water)  | 0.0024 mg/l Assessment factor: 500        |
| PNEC aqua (intermittent, freshwater)  | 0.0197 mg/l Assessment factor: 100        |
| PNEC (Sediment)   |   |
| PNEC sediment (freshwater)  | 0.767 mg/kg dwt Assessment factor: 1000   |
| PNEC sediment (marine water)  | 0.0767 mg/kg dwt Assessment factor: 10000 |
| PNEC (Soil)   |   |
| PNEC soil   | 1.21 mg/kg dwt Assessment factor: 100     |
| PNEC (STP)  |   |
| PNEC sewage treatment plant   | 4 mg/l Assessment factor: 10              |

| <b>Sodium hydroxide (1310-73-2)</b>   |                     |
|---------------------------------------|---------------------|
| DNEL/DMEL (Workers)                   |                     |
| Long-term - local effects, inhalation | 1 mg/m <sup>3</sup> |
| DNEL/DMEL (General population)        |                     |
| Long-term - local effects, inhalation | 1 mg/m <sup>3</sup> |

| <b>2-(2-butoxyethoxy)ethanol (112-34-5)</b> |   |
|---|---|
| DNEL/DMEL (Workers)                         |   |
| Acute - local effects, inhalation           | 101.2 mg/m <sup>3</sup>                   |
| Long-term - systemic effects, dermal        | 20 mg/kg bodyweight/day                   |
| Long-term - systemic effects, inhalation    | 67.5 mg/m <sup>3</sup>                    |
| Long-term - local effects, inhalation       | 67.5 mg/m <sup>3</sup>                    |
| DNEL/DMEL (General population)              |   |
| Acute - local effects, inhalation           | 50.6 mg/m <sup>3</sup>                    |
| Long-term - systemic effects, oral          | 1.25 mg/kg bodyweight/day                 |
| Long-term - systemic effects, inhalation    | 34 mg/m <sup>3</sup>                      |
| Long-term - systemic effects, dermal        | 10 mg/kg bodyweight/day                   |
| Long-term - local effects, inhalation       | 34 mg/m <sup>3</sup>                      |
| PNEC (Water)                                |   |
| PNEC aqua (freshwater)                      | 1 mg/l Assessment factor: 100             |
| PNEC aqua (marine water)                    | 0.1 mg/l Assessment factor: 1000          |
| PNEC aqua (intermittent, freshwater)        | 3.9 mg/l Assessment factor: 100           |
| PNEC (Sediment)                             |   |
| PNEC sediment (freshwater)                  | 4 mg/kg dwt                               |
| PNEC sediment (marine water)                | 0.4 mg/kg dwt                             |
| PNEC (Soil)                                 |   |
| PNEC soil                                   | 0.4 mg/kg dwt                             |
| PNEC (Oral)                                 |   |
| PNEC oral (secondary poisoning)             | 0.000056 kg/kg food Assessment factor: 90 |
| PNEC (STP)                                  |   |
| PNEC sewage treatment plant                 | 200 mg/l Assessment factor: 10            |

### 8.2. Exposure controls

#### Hand protection:

| Type            | Material                | Permeation        | Thickness (mm) | Penetration | Standard |
|-----------------|-------------------------|-------------------|----------------|-------------|----------|
| Reusable gloves | Polyvinylchloride (PVC) | 6 (> 480 minutes) | 0.5            | 2 (< 1.5)   | EN 374   |

#### Eye protection:

| Type                           | Use     | Characteristics | Standard |
|--------------------------------|---------|-----------------|----------|
| Safety glasses, Safety goggles | Droplet | clear, Plastic  | EN 166   |

#### Skin and body protection:

| Type | Standard             |
|------|----------------------|
|      | EN14605:2005+A1:2009 |

#### Respiratory protection:

Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material

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| Device         | Filter type      | Condition                             | Standard       |
|----------------|------------------|---------------------------------------|----------------|
| Full face mask | Filter type A/P2 | Long term exposure, Vapour protection | EN 132, EN 140 |

Personal protective equipment symbol(s):



Other information:

When using do not eat, drink or smoke. Provide local exhaust or general room ventilation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : Yellow. brown.    |
| Odour                                      | : No data available |
| Odour threshold                            | : No data available |
| pH   | : ≈ 12.5 (1%)       |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| 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)                  | : No data available |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : No data available |
| Density                                    | : ≈ 1.075 kg/l      |
| Solubility                                 | : Water: 100 %      |
| 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

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Corrosive vapours.

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### 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  |
| Skin corrosion/irritation         | : Causes severe skin burns and eye damage.<br>pH: ≈ 12.5 (1%) |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: ≈ 12.5 (1%)               |
| Respiratory or skin sensitisation | : Not classified  |
| Germ cell mutagenicity            | : Not classified  |
| Carcinogenicity                   | : Not classified  |
| Reproductive toxicity             | : Not classified  |
| STOT-single exposure              | : Not classified  |
| STOT-repeated exposure            | : Not classified  |
| Aspiration hazard                 | : Not classified  |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                          |                  |
|--------------------------|------------------|
| Acute aquatic toxicity   | : Not classified |
| Chronic aquatic toxicity | : Not classified |

#### 12.2. Persistence and degradability

|                               |  |
|-------------------------------|--|
| <b>Keno™san</b>               |  |
| Persistence and degradability | Biodegradable. The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. |

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

|  |  |
|--|--|
| <b>Keno™san</b>  |  |
| 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. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional legislation (waste)               | : Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  |
| Waste treatment methods                    | : Dispose of this material and its container at hazardous or special waste collection point. Hazardous waste due to toxicity. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.  |
| Product/Packaging disposal recommendations | : When totally empty, containers are recyclable like any other packing. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.   |
| European List of Waste (LoW) code          | : 07 06 01* - aqueous washing liquids and mother liquors  |

### SECTION 14: Transport information

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

#### 14.1. UN number

|               |        |
|---------------|--------|
| UN-No. (ADR)  | : 1824 |
| UN-No. (IMDG) | : 1824 |

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UN-No. (IATA) : 1824  
UN-No. (ADN) : 1824  
UN-No. (RID) : 1824

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : SODIUM HYDROXIDE SOLUTION  
Proper Shipping Name (IMDG) : SODIUM HYDROXIDE SOLUTION  
Proper Shipping Name (IATA) : Sodium hydroxide solution  
Proper Shipping Name (ADN) : SODIUM HYDROXIDE SOLUTION  
Proper Shipping Name (RID) : SODIUM HYDROXIDE SOLUTION  
Transport document description (ADR) : UN 1824 SODIUM HYDROXIDE SOLUTION, 8, III, (E)  
Transport document description (IMDG) : UN 1824 SODIUM HYDROXIDE SOLUTION, 8, III  
Transport document description (IATA) : UN 1824 Sodium hydroxide solution, 8, III  
Transport document description (ADN) : UN 1824 SODIUM HYDROXIDE SOLUTION, 8, III  
Transport document description (RID) : UN 1824 SODIUM HYDROXIDE SOLUTION, 8, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 8  
Danger labels (ADR) : 8



#### IMDG

Transport hazard class(es) (IMDG) : 8  
Danger labels (IMDG) : 8



#### IATA

Transport hazard class(es) (IATA) : 8  
Hazard labels (IATA) : 8



#### ADN

Transport hazard class(es) (ADN) : 8  
Danger labels (ADN) : 8



#### RID

Transport hazard class(es) (RID) : 8  
Danger labels (RID) : 8



#### 14.4. Packing group

|                      |       |
|----------------------|-------|
| Packing group (ADR)  | : III |
| Packing group (IMDG) | : III |
| Packing group (IATA) | : III |
| Packing group (ADN)  | : III |
| Packing group (RID)  | : III |

#### 14.5. Environmental hazards

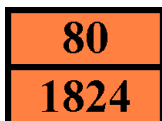
|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No   |
| Marine pollutant              | : No   |
| Other information             | : Clean up even minor leaks or spills, if possible, without unnecessary risk |

#### 14.6. Special precautions for user

|                               |  |
|-------------------------------|--|
| Special transport precautions | : Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency, No naked flames, sparks, and do not smoke, Keep public away from danger area, NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY |
|-------------------------------|--|

#### - Overland transport

|   |                           |
|---|---------------------------|
| Classification code (ADR)                                 | : C5                      |
| 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)       | : T4                      |
| Portable tank and bulk container special provisions (ADR) | : TP1                     |
| 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                      | : 2R |

#### - Transport by sea

|                                 |              |
|---------------------------------|--------------|
| Special provisions (IMDG)       | : 223        |
| Limited quantities (IMDG)       | : 5 L        |
| Excepted quantities (IMDG)      | : E1         |
| Packing instructions (IMDG)     | : P001, LP01 |
| IBC packing instructions (IMDG) | : IBC03      |
| Tank instructions (IMDG)        | : T4         |
| Tank special provisions (IMDG)  | : TP1        |
| EmS-No. (Fire)                  | : F-A        |
| EmS-No. (Spillage)              | : S-B        |
| Stowage category (IMDG)         | : A          |
| Segregation (IMDG)              | : SG35       |
| MFAG-No                         | : 153        |

#### - Air transport

|                                |        |
|--------------------------------|--------|
| PCA Excepted quantities (IATA) | : E1   |
| PCA Limited quantities (IATA)  | : Y841 |



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|  |       |
|--|-------|
| 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  |
| ERG code (IATA)                              | : 8L  |

### - Inland waterway transport

|                                   |          |
|-----------------------------------|----------|
| Classification code (ADN)         | : C5     |
| Limited quantities (ADN)          | : 5 L    |
| Excepted quantities (ADN)         | : E1     |
| Carriage permitted (ADN)          | : T      |
| Equipment required (ADN)          | : PP, EP |
| Number of blue cones/lights (ADN) | : 0      |

### - Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)                                 | : C5                      |
| 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)       | : T4                      |
| Portable tank and bulk container special provisions (RID) | : TP1                     |
| Tank codes for RID tanks (RID)                            | : L4BN                    |
| Transport category (RID)                                  | : 3                       |
| 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Ensure all national/local regulations are observed. PIC Regulation EU (649/2012) - Export and Import of hazardous chemicals. {} is subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

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### Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

### Full text of H- and EUH-statements:

|               |   |
|---------------|---|
| Eye Dam. 1    | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2  | Serious eye damage/eye irritation, Category 2 |
| Met. Corr. 1  | Corrosive to metals, Category 1               |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1A        |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2         |
| H290          | May be corrosive to metals.                   |
| H314          | Causes severe skin burns and eye damage.      |
| H315          | Causes skin irritation.                       |
| H318          | Causes serious eye damage.                    |
| H319          | Causes serious eye irritation.                |

### SDSCLP3

*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*