

**DEPTAL CMC**

Code: 02590

## Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.0.0**Creation date : **13/08/18**Revision: **03/11/22**

Print Date : 07/11/22

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Trade name DEPTAL CMC

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

Use of the product

CHLORINATED ALKALI LIQUID  
AGRI-FOOD INDUSTRIES  
FOAMING CHLORINATED ALKALINE DISINFECTING DETERGENT  
IN FOAM AND SPRAYING APPLICATIONS ON SURFACES AND  
EQUIPMENT**1.3. Details of the supplier of the safety data sheet**

Company identification

HYPRED SAS  
55, Boulevard Jules Verger B.P 10180  
35803 DINARD Cedex - FRANCE  
Tél : +33 (0)2 99 16 50 00 - Fax : +33 (0)2 99 16 50 20  
e-mail : kersia@kersia-group.comHolchem Laboratories Ltd  
Gateway House - Pilsworth Road  
Bury - Greater Manchester  
BL9 8RDFor information regarding this safety data sheet, please contact :  
regulatory@kersia-group.com**1.4. Emergency telephone number**

Emergency phone number

Emergency direct number ( 24 hours a day, 7 days a week ) : +44 1273  
289451For information or to report a poisoning incident contact The National  
Poisons Information Centre:  
+353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week).  
Healthcare Professionals:  
+353 (1) 809 2566 (24 hour service)

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## SECTION 2: HAZARDS IDENTIFICATION

## 2.1. Classification of the substance or mixture

The mixture meets the classification criteria provided for under Regulation (EC) No 1272/2008.

Substance corrosive to metals - Category 1

Skin corrosion - Category 1A

Serious damage to eyes - Category 1

Hazardous to the aquatic environment –  
Chronic - Category 2

EUH 031: Contact with acids liberates toxic gas.

H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

Labelling according to 1272/2008/EC Regulation:

Hazard pictograms(s) :



Signal word :

Danger

Contains : Sodium hydroxide+ Sodium hypochlorite

Hazard statement(s) :

H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

H411: Toxic to aquatic life with long lasting effects.

EUH 031: Contact with acids liberates toxic gas.

Precautionary statement(s) :

P260: Do not breathe vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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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.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P391: Collect spillage.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable as this involves a mixture.

### 3.2. Mixtures

Chemical nature of the mixture : CHLORINATED ALKALI LIQUID

| Substance(s)  | CAS number(s) | EINECS number(s) | index        | No registration REACH                                     | Classification according to Regulation (EC) 1272/2008  | SCL M-factor ATE  | Type    |
|---|---------------|------------------|--------------|---|--|---|---------|
| 5% <= Sodium hydroxide < 15%                                      | 1310-73-2     | 215-185-5        | 011-002-00-6 | 01-2119457892-27  | Skin Corr. 1A H314<br>Met. Corr. 1 H290  | C ≥ 5%<br>Skin Corr. 1A H314<br>2% ≤ C < 5%<br>Skin Corr. 1B H314<br>0.5% ≤ C < 2%<br>Skin Irrit. 2 H315<br>Eye Irrit. 2 H319 | (1) (2) |
| 2.5% <= Sodium hypochlorite < 5%                                  | 7681-52-9     | 231-668-3        | 017-011-00-1 | Biocidal active substance, regarded as already registered | Met. Corr. 1 H290<br>Skin Corr. 1B H314<br>STOT SE 3 H335<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410<br>EUH 031 | C ≥ 5%<br>M Factor (Acute) 10<br>M Factor (Chronic) 1   | (1)     |
| 1% <= Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides < 5% | 308062-28-4   | 931-292-6        |              | 01-2119490061-47  | Acute Tox. 4 (oral) H302<br>Skin Irrit. 2 H315<br>Eye Dam. 1 H318<br>Aquatic Acute 1 H400<br>Aquatic Chronic 2 H411    | M Factor (Acute) 1  | (1)     |

Type  
(1) : Substance classified as hazardous for health and/or the environment  
(2) : Substance with an exposure limit at the work station.

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Substance of very high concern candidate for the authorisation procedure:

- (3) : Substance considered as PBT (persistent, bioaccumulable, toxic)
- (4) : Substance considered as vPvB (very persistent, very bioaccumulable)
- (5) : Substance considered as carcinogenic category 1A
- (6) : Substance considered as carcinogenic category 1B
- (7) : Substance considered as mutagenic category 1A
- (8) : Substance considered as mutagenic category 1B
- (9) : Substance considered as reprotoxic category 1A
- (10) : Substance considered as reprotoxic category 1B
- (11) : Substance considered as endocrine disrupter
- (12) : Other substance considered hazardous to health or the environment
- (N) : Nanomaterial

Full text of H- and EUH- phrases : see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

General indications:

Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.  
In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

In the event of inhalation :

Bring to fresh air.  
Put into practice respiratory help procedure if needed and get medical advice immediately.

In the event of contact with the skin :

Take off immediately all contaminated clothing.  
Wash immediately with plenty of water for 15 minutes at least.  
Immediately call a POISON CENTER or doctor/physician.

In the event of contact with the eyes :

Rinse at once with a soft stream of water for at least 15 minutes, eyes wide open.  
Remove contact lenses if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.

In the event of ingestion :

Rinse mouth.  
Do NOT induce vomiting.  
Send to hospital.

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

Skin contact : Corrosive : Causes severe burns.

Eye contact : Causes serious eye damage.

Ingestion : Causes severe burns in mouth and digestive tract.  
Risk of perforating digestive tracts.

Inhalation : May cause a respiratory system irritation.

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

Treatments : Symptomatic treatment

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media :

Agents compatible with other products involved into fire.

Unsuitable extinguishing media :

None from our knowledge.

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

DEPTAL CMC is non-flammable.

However, in contact with certain metals (aluminium, zinc...), release of flammable and/or explosive hydrogen if ignited.

#### 5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.

Collect contaminated firefighting water separately, must not be discharged into the drains.

Keep containers cool by spraying with water if exposed to fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

Evacuate non-essential staff and those not equipped with individual protection apparatus.

##### 6.1.2. For emergency responders :

Evacuate the personnel to a safe location.

Keep people upwind and away from the location of the flow/leak.

Use personal protection equipment.

#### 6.2. Environmental precautions

Intervention limited to trained staff.

Do not discharge the product directly to sewer or to environment.

Take as soon as possible all incompatible materials away.

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

Small spillage :

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Pump in a reservoir of help.

Large spillage :

Mark out, soak up with an inert absorbant and pump in an emergency tank.

Never return spills in original containers for re-use.

Keep in suitable, properly labelled and closed containers for disposal.

#### 6.4. Reference to other sections

Respect protective measures presented at heading 8.

Refer to section 13 for the elimination.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Do not breathe vapour.

Avoid contact with skin, eyes and clothing.

Do not breathe spray.

Do not eat, drink or smoke in work area. Avoid projections during use.

Do not mix with an acid.

Take off immediately all contaminated clothing.

Operate in a well ventilated place.

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

##### 7.2.1. Storage :

Keep only in the original container.

Keep container closed.

Keep in a cool place.

Keep away from products sensitive to chlorinated alkalis.

##### 7.2.2. Packaging or wrapping materials :

High density polyethylene recommended.

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

DEPTAL CMC is for use as a biocide.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Exposure limit values :

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| Substance            | CAS number | Country | Type                             | Value               | Unit              | Comments                                       | source   |
|----------------------|------------|---------|----------------------------------|---------------------|-------------------|--|--|
| Chlorine             | 7782-50-5  | EU      | OEL Short term                   | 0,5                 | ppm               | Indicative Occupational Exposure Limit Value   | International limit values for chemical agents   |
|                      |            |         |                                  | 1,5                 | mg/m <sup>3</sup> | Indicative Occupational Exposure Limit Value   | International limit values for chemical agents   |
| Nitrogen trichloride | 10025-85-7 | FRA     | VLCT Short term                  | 1,5                 | mg/m <sup>3</sup> | Valeur limite de confort déterminée par l'INRS |  |
|                      |            |         | VLEP 8h                          | 0,5                 | mg/m <sup>3</sup> | Valeur limite de confort déterminée par l'INRS |  |
|                      |            | CHE     | EMV (Exposure medium value) : 8h | 0.3                 | mg/m <sup>3</sup> |  |  |
|                      |            |         |                                  | 0.06                | ppm               |  |  |
| Sodium hydroxide     | 1310-73-2  | FRA     | VLCT                             | 2                   | mg/m <sup>3</sup> |  | MSDS supplier  |
|                      |            |         | VLEP 8h                          | 2                   | mg/m <sup>3</sup> | Valeur limite indicative                       | International limit values for chemical agents   |
|                      |            |         | EMV (Exposure medium value) :    | 2                   | mg/m <sup>3</sup> |  | INRS   |
|                      |            |         |                                  | ppm                 |                   | INRS   |  |
|                      |            | AUT     | OEL 8h                           | 2 inhalable aerosol | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | OEL Short term                   | 4 inhalable aerosol | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | BEL     | OEL 8h                           | 2                   | mg/m <sup>3</sup> | M  | International limit values for chemical agents   |
|                      |            | CHE     | OEL 8h                           | 2 inhalable aerosol | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | OEL Short term                   | 2 inhalable aerosol | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | DNK     | OEL 8h                           | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | OEL Short term                   | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | ESP     | OEL Short term                   | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | GBR     | OEL Short term                   | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | SWE     | OEL 8h                           | 1                   | mg/m <sup>3</sup> | Inhalable dust                                 | International limit values for chemical agents   |
|                      |            | POL     | NDS 8h                           | 0,5                 | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | NDSch Short term                 | 1                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | STEL                             | 1                   | mg/m <sup>3</sup> |  | MSDS supplier  |
|                      |            |         | TWA                              | 0,5                 | mg/m <sup>3</sup> |  | MSDS supplier  |
|                      |            | HUN     | OEL 8h                           | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            |         | OEL Short term                   | 2                   | mg/m <sup>3</sup> |  | International limit values for chemical agents   |
|                      |            | LVA     | EMV (Exposure medium value) : 8h | 0.5                 | mg/m <sup>3</sup> |  |  |
|                      |            | SVN     | OEL                              | 2                   | mg/m <sup>3</sup> | opomba: Y                                      | Rules on the protection of workers against the risks related to exposure to chemicals at work in Slovenia (Official Gazette RS, št 100/01, 39/05, 53/07, 102/10, 43/11. ZVZD-1 in 38/15) |
|                      |            |         | STEL                             | 1                   |                   | opomba: Y                                      | Rules on the protection of workers against the risks related to exposure to chemicals at work in Slovenia (Official Gazette RS, št 100/01, 39/05, 53/07, 102/10, 43/11. ZVZD-1 in 38/15) |
|                      |            | HRV     | OEL Short term                   | 2                   | mg/m <sup>3</sup> |  |  |

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#### 8.2. Exposure controls

According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

\* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

\* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

\* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

##### 8.2.1. Appropriate engineering controls :

Ensure adequate ventilation.

Apply the necessary technical measures to comply with the professional exposure limit values.

##### 8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

Use safety glasses or facial screen in conformity with the EN 166 standard.



Hand protection :

Use chemical resistant gloves approved to EN 374.

Examples of preferred materials for insulating gloves:

Butyl rubber.

Nitrile rubber.

Do not wear polyvinyl alcohol (PVA) gloves.



Skin protection :

Wear boots and a protective cloth with chemical resistance.



Respiratory protection :

During handling operations that cause vapours to form, wear a full mask compliant with standard EN 136 fitted with a filter (compliant with standard EN 141 or EN 14387) of type:

B: Inorganic gases and vapors.

During applications that cause aerosols to form, wear a half-mask in compliance with the European standard EN 140 or a complete mask in conformity with the European standard EN 136 equipped with a filter (in conformity with the European standard EN 143) of the following type:



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P2: Particles, solid aerosols and liquids

It is possible to combine the anti-vapor filters and anti-aerosols.



Thermal hazards :

Not applicable

Health measures :

Safety shower and eye wash fountain near to workplace.

After using, wash systematically all personal protective equipment.

8.2.3. Environmental exposure controls :

Do not discharge the product directly to sewer or to environment.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|  |                                     |
|--|-------------------------------------|
| Appearance                             | Clear liquid                        |
| Colour                                 | Pale yellow                         |
| Odour                                  | Chlorinated                         |
| Odour threshold                        | Not available                       |
| Freezing point                         | -25 °C                              |
| Melting point                          | Not applicable                      |
| Boiling point                          | > 100 °C                            |
| Flammability                           | Not applicable                      |
| Lower explosive limit                  | Not applicable                      |
| upper explosive limit                  | Not applicable                      |
| Flash point                            | No data                             |
| Auto-ignition temperature              | Not applicable                      |
| Decomposition temperature              | Not available                       |
| Pure pH                                | 13±0.3                              |
| pH value at 10g/l                      | 12±0.2                              |
| kinematic viscosity                    | Not available                       |
| Solubility in water                    | Soluble in water in all proportions |
| Solubility                             | Not applicable                      |
| Partition coefficient: n-octanol/water | Not applicable                      |
| Vapour pressure                        | Not available                       |
| Relative density                       | 1.16±0.01                           |
| Mass density                           | 1.16±0.01 g/cm <sup>3</sup>         |
| Vapour density                         | Not applicable                      |
| Particle characteristics               | Not applicable                      |

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**9.2. Other information**

|                      |                |
|----------------------|----------------|
| Explosive properties | Not applicable |
| Oxidising properties | Not applicable |
| Viscosity            | Not available  |
| Evaporation rate:    | Not available  |

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Hazards linked to exothermal reactions.

**10.2. Chemical stability**

Stable in the recommended storage and handling conditions.

**10.3. Possibility of hazardous reactions**

Exothermic reactions with acids.

**10.4. Conditions to avoid**

Light, heat.

**10.5. Incompatible materials**Light metals and/or colored.  
Acids.**10.6. Hazardous decomposition products**Contact with acids liberates gaseous chlorine.  
In contact with certain metals (aluminium, zinc...), release of flammable and/or explosive hydrogen if ignited.

These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) N°1272/2008**Substance-related data:

## Acute toxicity

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : LD 50 - oral rat 1,064 mg/kg. - MSDS supplier

## Skin corrosion/irritation

Sodium hydroxide ( 50% ) : Cutaneous contact rat . Corrosive to the skin - MSDS supplier

Sodium hydroxide + Sodium hypochlorite : Skin irritation . Corrosive. - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : Cutaneous contact . Irritating - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides ( 30% ) : Skin corrosion/irritation rabbit (OECD 404): . Irritating - MSDS supplier

Sodium hydroxide ( 50% ) : Skin corrosion/irritation . Causes severe burns. - MSDS supplier

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Sodium hydroxide ( 50% ) : Skin corrosion/irritation . Causes severe burns. - MSDS supplier

Serious damage to eyes/eye irritation

Sodium hydroxide ( 50% ) : Eye contact : . corrosive to the eyes - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : Eye irritation . Risk of serious damage of eyes - MSDS supplier

Sodium hydroxide + Sodium hypochlorite : Eye irritation . Corrosive. - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides ( 30% ) : Serious damage to eyes/eye irritation rabbit (OECD 405): .

Causes burns. - MSDS supplier

Sodium hydroxide ( 50% ) : Serious damage to eyes/eye irritation . corrosive to the eyes - MSDS supplier

Sodium hydroxide ( 50% ) : Serious damage to eyes/eye irritation . Serious damage to eyes - MSDS supplier

Respiratory tracts irritation

Sodium hydroxide ( 50% ) : Respiratory tracts irritation . Fog inhalation is irritant for respiratory tract - MSDS supplier

Mutagenicity

Sodium hydroxide : . Not mutagenic - MSDS supplier

Carcinogenicity

Sodium hydroxide : mouse . Not carcinogenic - MSDS supplier

**Mix-related data:**

Acute toxicity

. Not determined

Skin corrosion/irritation

Skin corrosivity . The mixture should be considered as corrosive because of its extreme pH.

Serious damage to eyes/eye irritation

Ocular corrosivity . Causes serious eye damage according to the criteria of Regulation 1272/2008/EC.

Respiratory / skin sensitisation

Skin sensitisation . The mixture is not considered as a skin sensitizer according to 1272/2008/EC Regulation.

Respiratory sensitisation . The mixture is not considered as a respiratory sensitizer according to 1272/2008/EC Regulation.

Mutagenicity

. The classification criteria are not met given the available data.

Carcinogenicity

. The classification criteria are not met given the available data.

Reproductive toxicity

. The classification criteria are not met given the available data.

Specific target organ toxicity - single exposure

. The classification criteria are not met given the available data.

Specific target organ toxicity - repeated exposure

. The classification criteria are not met given the available data.

Aspiration hazard

. The classification criteria are not met given the available data.

Most important symptoms and effects, both acute and delayed :

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Skin contact : Corrosive : Causes severe burns.

Eye contact : Causes serious eye damage.

Ingestion : Causes severe burns in mouth and digestive tract.  
Risk of perforating digestive tracts.

Inhalation : May cause a respiratory system irritation.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

Not concerned

**SECTION 12: ECOLOGICAL INFORMATION****12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil**Substance-related data:

## Acute toxicity

Sodium hydroxide : LC 50 - 96 h fishes (Gambusia affinis) 35 - 189 mg/L. - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : EC 50 - 48h daphnia 3.1 mg/L. - MSDS supplier

Sodium hypochlorite : EC 50 - 48h Aquatic invertebrates 0.01 - 0.1 mg/L. - solutions, 12%&lt; active chlorine&lt;16% - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : IC 50 algae 0.143 mg/L. - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : LC 50 - 96h fishes 2.67 mg/L. - MSDS supplier

## Chronic toxicity

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : NOEC algae 0.067 mg/L. - MSDS supplier

Sodium hypochlorite : NOEC - 7days algae 0.002,1 mg/L. - MSDS supplier

## Degradability

Sodium hydroxide ( 50% ) : Biodegradability aerobic . Not applicable - MSDS supplier

Sodium hydroxide ( 50% ) : Biodegradability anaerobic . Not applicable - MSDS supplier

Sodium hydroxide ( 50% ) : Half life air 13 seconds. Degradation product = sodium carbonate - MSDS supplier

Sodium hydroxide ( 50% ) : Water. . Instantaneous ionization; Degradation products : salts - MSDS supplier

Sodium hydroxide ( 50% ) : soil . Ionization / neutralization - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : Biodegradability . Easily biodegradable. - MSDS supplier

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides ( 30% ) : Biodegradability - 28days (OECD 301 D): &gt; 90 %. Easily biodegradable. - MSDS supplier

## Bioaccumulation

Sodium hydroxide ( 50% ) : . Not applicable - MSDS supplier

## Mobility

Sodium hydroxide ( 50% ) : air . Instantaneous degradation - MSDS supplier

Sodium hydroxide ( 50% ) : Water. . Important solubility and mobility - MSDS supplier

Sodium hydroxide ( 50% ) : soil/sediments . Important solubility and mobility; Contamination of ground water in case of rain - MSDS supplier

Mix-related data:

## Acute toxicity

LC 50 - 96h fishes . The acute toxicity test on fish was not performed to minimise the tests on vertebrates.

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EC 50 - 48h daphnia (*Daphnia magna*) (OECD 202): > 1 mg/L. The product has not been tested. The information comes from structure or analogue composition products.

EC 50 - 72h algae . An acute toxicity test for algae is not relevant: sodium hypochlorite cannot be tested under constant light (mandatory test condition).

Chronic toxicity

. No data available.

Degradability

. The surface agents contained in this mix are in line with the requirements of the Detergent Regulation 648/2004/EC.

Bioaccumulation

. No data available.

Mobility

. No data available.

Conclusion :

The mixture is considered to be dangerous for the environment according to 1272/2008/EC Regulation.

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

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

#### 12.6 Endocrine disrupting properties

Not concerned

#### 12.7. Other adverse effects

No additional information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Treatment of the mixture :

Do not discharge the product directly to sewer or to environment.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

### SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORT: Rail/Route (RID/ADR)

## DEPTAL CMC

Code: 02590

### Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.0.0

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Revision: 03/11/22

Print Date : 07/11/22

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14.1 UN no : 1719

14.2 UN proper shipping name :

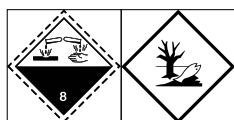
CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide + Sodium hypochlorite)

14.3 Transport hazard class(es) : 8

14.4 Packing group : II

Hazard identification number : 80

Label : 8



Tunnel code : (E)

14.5 Environmental hazard : Yes

14.6 Special precautions for user : No information.

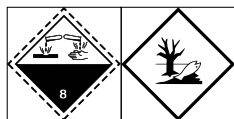
Limited Quantity (QL): 1L

#### MARITIME TRANSPORT : IMDG

14.1 UN no :1719

14.2 UN proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide + Sodium hypochlorite)

14.3 Transport hazard class(es) : 8



14.4 Packing group : II

14.5 Environmental hazard

Marine pollutant : Yes

14.6 Special precautions for user : No information.

EmS number : F-A, S-B

Limited Quantity (QL): 1L

14.7 Maritime transport in bulk according to IMO instruments : Not concerned

DEPTAL CMC

Code: 02590

## Safety Data Sheet compliant with Regulation (EU) 2020/878

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### SECTION 15: REGULATORY INFORMATION

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

Regulation (EU) n°528/2012 concerning the making available on the market and use of biocidal products :  
Active ingredient: Sodium Hypochlorite, expressed in active chlorine

Regulations relating to the hazards from major accidents :  
SEVESO 3 Directive (2012/18/EC) : E2

Regulations relating to the classification, packaging and labelling of substances and mixtures :  
Regulation (EC) 1272/2008 amended.

Waste regulations :  
2008/98/EC Directive amended by 2015/1127/EC Directive - Regulation 1357/2014/EC  
Decision 2014/955/EC which establishes the list of hazardous waste.

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 : Not concerned

Protection of workers :  
Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EU) 2019/1021 of 20 June 2019 on persistent organic pollutants : Not applicable

Regulation (EC) 1005/2009 amended on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors:  
Not concerned

Regulation (EC) 648/2004 :

Comply with national and local legislation.

UN Globally Harmonised System (GHS) on Classification and Labelling of Chemical (GB CLP - SI 2020 No. 1567) and UK REACH (SI 2020 No. 1577)

#### 15.2. Chemical safety assessment

DEPTAL CMC

Code: 02590

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This safety data sheet has been drafted taking into account the information from exposure scenarios for the substances making up the mixture.

### SECTION 16: OTHER INFORMATION

The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

Section(s) modified compared with the previous version :  
Revision of the safety data sheet according to (EU) 2020/878 Regulation.

List of H phrases referred to in section 3 :  
EUH 031 : Contact with acids liberates toxic gas.  
H290 : May be corrosive to metals.  
H302 : Harmful if swallowed.  
H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H335 : May cause respiratory irritation.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.  
H411 : Toxic to aquatic life with long lasting effects.

Sources of key data used to compile the data sheet :

INRS  
MSDS supplier  
International limit values for chemical agents

Rules on the protection of workers against the risks related to exposure to chemicals at work in Slovenia  
(Official Gazette RS, št 100/01, 39/05, 53/07, 102/10, 43/11. - ZVZD-1 in 38/15)

Historical :  
Version 7.0.0  
Cancels and replaces previous version 6.1.