

## DEPTAL MCL

Code: 0 208 0

*Material Safety Data Sheet compliant with Regulation (EC) 1907/2006, Annex II, amended by Regulation (EC) 453/2010*

Version 5.0.0

Revision: 27/03/15

Print Date : 17/06/15

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

#### 1.1. Product identifier

Trade name **DEPTAL MCL**

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

Use of the product

**LIQUID CHLORINATED ALKALI  
AGRI-FOOD INDUSTRIES  
CHLORINATED ALKALI  
DETERGENT-DISINFECTANT  
FOR FOAM APPLICATION**

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

Company identification

**Manufacturer: HYPRED S.A.  
57, Boulevard Jules VERGER B.P. 10180  
35803 DINARD CEDEX - FRANCE  
Tél : 33 2 99 16 50 00  
Fax : 33 2 99 16 50 20  
e-mail : hypred@hypred.fr**

For information regarding this safety data sheet, please contact :  
hypred.regulatory@roullier.com

#### 1.4. Emergency telephone number

Emergency phone number

**Emergency direct number ( 24 hours a day, 7 days a week ) : (+)1-760-476-3961  
Access code : 333021**

**Call your medical practitioner LONDON (Information available at the National  
Poison Unit - Guy's Hospital)**

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC:

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

Skin corrosion - Category 1A	H314: Causes severe skin burns and eye damage. EUH 031: Contact with acids liberates toxic gas.
Substance corrosive to metals - Category 1	H290: May be corrosive to metals.
Chronic toxicity to the aquatic environment - Category 2	H411: Toxic to aquatic life with long lasting effects.

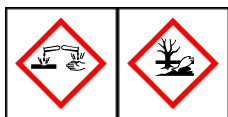
**Classification according to Directive 1999/45/EEC:**

The mixture meets the classification criteria provided for under Directive 1999/45/EEC.

C : CORROSIVE

R31 : Contact with acids liberates toxic gas.

R35 : Causes severe burns.

**2.2. Label elements****Labelling according to 1272/2008/EC Regulation:****Hazard pictograms(s) :****Signal word :**

Danger

**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.

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

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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

No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable as this involves a mixture.

### 3.2. Mixtures

Chemical nature of the mixture : LIQUID CHLORINATED ALKALI

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Substance(s)	CAS number(s)	EINECS number(s)	No registration REACH	Classification according to 67/548/EEC or 1999/45/EC	Classification according to Regulation 1272/2008/EC	Type
5% <= Potassium hydroxide < 15%	1310-58-3	215-181-3	01-2119487136-33	C , R22 R35	Acute Tox. 4 (oral) H302 Skin Corr. 1A H314 Met. Corr. 1 H290	(1) (2)
5% <= Sodium hypochlorite < 10%	7681-52-9	231-668-3	Biocidal active substance, regarded as already registered	C N , R31 R34 R37 R50	Met. Corr. 1 H290 Skin Corr. 1B H314 STOT SE 3 H335 Aquatic Acute 1 H400 Aquatic Chronic 1 H410  M Factor (Acute) 10 M Factor (Chronic) 1	(1)
2% <= Sodium hydroxide < 5%	1310-73-2	215-185-5	01-2119457892-27	C , R35	Skin Corr. 1A H314 Met. Corr. 1 H290	(1) (2)
1% <= Sodium C14-17 Sec Alkyl Sulfonate < 5%	97489-15-1	307-055-2	01-2119489924-20	Xn , R22 R38 R41	Eye Dam. 1 H318 Acute Tox. 4 (oral) H302 Skin Irrit. 2 H315 Aquatic Chronic 3 H412	(1)
1% <= Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides < 5%	308062-28-4	931-292-6	01-2119490061-47	N Xn , R22 R38 R41 R50	Acute Tox. 4 (oral) H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Acute 1 H400 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.  
 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

Full text of R-, 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 :**

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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.

#### 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 MCL 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

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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 :

Pump in a reservoir of help.

##### Large spillage :

Mark out, dyke 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 :

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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 MCL is for use as a biocide.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values :

Substance	Country	Type	Value	Unit	Comments	source
Chlorine	GBR	OEL Short term	0,5	ppm		International limit values for chemical agents
			1,5	mg/m <sup>3</sup>		International limit values for chemical agents
Potassium hydroxide	GBR	OEL Short term	2	mg/m <sup>3</sup>		International limit values for chemical agents
Nitrogen trichloride	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	
Sodium hydroxide	GBR	OEL Short term	2	mg/m <sup>3</sup>		International limit values for chemical agents

### 8.2. Exposure controls

Directive 98/24/EEC requires the employer to introduce risk management measures. If restricted or indicative regulatory limit values have been set for substances in section 8.1, the employer must act on the outcome of his chemical risk assessment by checking the professional exposure limit values for their compliance.

#### 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.



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### Hand protection :

Use chemical resistant gloves approved to EN 374.  
Examples of preferred materials for insulating gloves:  
Butyl rubber.  
Nitril.  
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:  
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



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Appearance	Clear liquid
Colour	Pale yellow
Odour	Chlorine
Odour threshold	Non available
Pure pH	14±0.5
pH value at 10g/l	11.9±0.2
Freezing point :	-5 °C
Boiling point	> 100 °C
Flash point	Not applicable
Evaporation rate:	Non available
Flammability	Not applicable
Vapour pressure	Non available
Vapour density	Non available
Mass density	1.195±0.01 g/cm <sup>3</sup>
Relative density	1.195±0.01
Solubility in water	Soluble in water in all proportions
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Non available
Viscosity	Non available
Explosive properties	Not applicable
Oxidising properties	Not applicable

**9.2. Other information**

No additional information.

**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**

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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 toxicological effects****Substance-related data:****Acute toxicity**

Potassium hydroxide : LD 50 - oral rat 333 - 388 mg/kg bw. - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : LD 50 - dermal mouse > 2,000 mg/kg. - MSDS supplier  
Sodium hypochlorite : LD 50 - oral rat > 2,000 mg/kg. - solutions, 12%< active chlorine<16% - MSDS supplier  
Sodium hydroxide ( 50% ) : Oral . The oral DL50 has not been determined given the corrosiveness of the substance. - MSDS supplier  
Sodium hypochlorite : LD 50 - dermal rabbit > 2,000 mg/kg. - solutions, 12%< active chlorine<16% - MSDS supplier  
Sodium hydroxide ( 50 ) : Dermal route . The dermal DL50 has not been determined given the corrosiveness of the substance. - MSDS supplier  
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : LD 50 - oral rat 1,064 mg/kg. - MSDS supplier  
Sodium hydroxide : LD 50 - dermal rat 1,350 mg/kg. - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate : LD 50 - oral rat 500 - 2,000 mg/kg. - MSDS supplier

**Skin corrosion/irritation**

Sodium hydroxide ( 50% ) : Cutaneous contact rat . Corrosive to the skin - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : Skin irritation (OCDE 404): . Irritating - MSDS supplier  
Potassium hydroxide ( 50% ) : Skin irritation . Causes severe burns. - MSDS supplier  
Sodium hydroxide + Sodium hypochlorite : Skin irritation . Corrosive. - MSDS supplier  
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : Cutaneous contact . Irritating - MSDS supplier

**Serious eye damage/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 C14-17 Sec Alkyl Sulfonate ( 60% ) : Eye irritation (OCDE 405): . Risk of serious damage of eyes - MSDS supplier  
Potassium hydroxide ( 50% ) : Eye irritation . Risk of serious damage of eyes - MSDS supplier  
Sodium hydroxide + Sodium hypochlorite : Eye irritation . Corrosive. - MSDS supplier

**Respiratory tracts irritation**

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

**Sensitisation**

Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : Sensitisation guinea-pig (OCDE 406): . Not sensitising - MSDS supplier  
Potassium hydroxide : Skin sensitisation - 24h monkey . Not sensitising - MSDS supplier  
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : Skin sensitisation . Not sensitising - MSDS supplier

**Mutagenicity**

Sodium hydroxide : . Not mutagenic - MSDS supplier  
Potassium hydroxide : (OCDE 471): . Negative - MSDS supplier

**Carcinogenicity**

Sodium hydroxide : mouse . Not carcinogenic - MSDS supplier

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**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 eye damage/eye irritation

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

Respiratory or skin sensitisation

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

Respiratory sensitization . 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 :****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.**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

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Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : LC 50 - 96h zebra fish (OCDE 203): 1 - 5 mg/L. - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : NOEC - 16h bacterias (Pseudomonas putida) (DIN 38412 T8): 600 mg/L. - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : EC 50 - 48h daphnia (OCDE 202): 9.81 mg/L. - MSDS supplier  
Sodium hypochlorite : EC 50 - 48h Aquatic invertebrates 0.01 - 0.1 mg/L. - solutions, 12%< active chlorine<16% - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : EC 50 - 72h algae > 61 mg/L. - 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  
Potassium hydroxide : LC 50 - 24h fishes 80 mg/L. - MSDS supplier

**CHRONIC TOXICITY**

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides : NOEC algae 0.067 mg/L. - MSDS supplier  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : NOEC - 56days (OCDE 222): 0.47 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  
Sodium C14-17 Sec Alkyl Sulfonate ( 60% ) : Biodegradability - 28days (OCDE 301 B): 78 %. 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.  
EC 50 - 48h daphnia (Daphnia magna) (OCDE 202): 1.7 mg/L.  
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.

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**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. 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 relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2001/119/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 relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2001/119/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)*

**UN no :** 1719

**UN proper shipping name :** CAUSTIC ALKALINE LIQUID, N.O.S. (Potassium hydroxide+Sodium hydroxide+Sodium hypochlorite)

**Class :** 8

**Packing group :** II

**Hazard code :** 80

**Label :** 8



**Tunnel code :** E

**Environmental hazard :** Yes (Sodium hypochlorite)

**Special precautions for user :** No information.

**MARITIME TRANSPORT :**

*IMDG*

**UN no :** 1719

**UN proper shipping name :** CAUSTIC ALKALINE LIQUID, N.O.S. (Potassium hydroxide+Sodium hydroxide+Sodium hypochlorite)

**Class :** 8

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**Packing group** : II

**Marine pollutant** : Yes (Sodium hypochlorite)

**Special precautions for user** : No information.

**EmS number** : F-A, S-B

Comply with the provisions of the IMDG on the physical separation of materials. «Away from»:Acids.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** :

Not concerned

## SECTION 15: Regulatory information

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

**Regulations relating to the hazards from major accidents** :

Directive 96/82/EC amended by Directive SEVESO 2 (2003/15/EC)

**Regulations relating to the classification, packing and labelling of substances and mixes** :

Regulation 1272/2008/EC amended, Directive 1999/45/EC amended.

**Waste regulations** :

Directive 2008/98/EC of 19/11/2008 relating to waste.

Decision 2000/532/EC amended which establishes the list of hazardous waste.

**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 850/2004/EC on persistent organic pollutants and modifying Directive 79/117/EC** : Not concerned

**Regulation 2037/2000/EC on substances that deplete the ozone layer** : Not concerned

**Regulation (EC) 648/2004** :

In conformity with the regulation in force on detergents: Regulation (EC) N° 648/2004.

Ingredient datasheet for the medical staff is available upon written request.

Contains :

5-15% Chlorine-based bleaching agents

< 5% Non-ionic surfactants, Anionic surfactants, Polycarboxylates, Phosphonates

Disinfectants

### 15.2. Chemical safety assessment

No

## DEPTAL MCL

Code: 0 208 0

*Material Safety Data Sheet compliant with Regulation (EC) 1907/2006, Annex II, amended by Regulation (EC) 453/2010*

Version 5.0.0

Revision: 27/03/15

Print Date : 17/06/15

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### 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 453/2010/EC Regulation.

#### **List of R phrases referred to in sections 2 and 3 :**

R22 : Harmful if swallowed.

R31 : Contact with acids liberates toxic gas.

R34 : Causes burns.

R35 : Causes severe burns.

R37 : Irritating to respiratory system.

R38 : Irritating to skin.

R41 : Risk of serious damage to eyes.

R50 : Very toxic to aquatic life.

#### **List of H phrases referred to in sections 2 and 3 :**

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.

H412 : Harmful to aquatic life with long lasting effects.

#### **Sources of key data used to compile the data sheet :**

MSDS supplier

International limit values for chemical agents

#### **Historical :**

Version 5.0.0

Cancels and replaces previous version 4.2.2



**DEPTAL MCL**

**Code:** 0 208 0

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**Version** 5.0.0

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