

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DCP - P43438T**

Safety Data Sheet dated 28/2/2018, version 3

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Trade name: COMORAL DCP  
MSDS code: P43438T**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use:

Cleaner

Industrial uses

Uses advised against:

No uses advised against are identified.

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

Company:

SOCOMORE S.A.S.

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26

Distributor/Manufacturer: Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland -

Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Distributor: Socomore GmbH - c/o MAZARS GmbH - Theodor-Stern-Kai 1 - 60596 Frankfurt am Main - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16

Distributor: Socomore Iberia - Calle Diputació, 260 - 08007 Barcelona - Espana - Tel: +34 917 693 962 - Fax: +34 902 908 966

Dystrybutor : SOCOMORE SPzoo - Ul. Piekna 18, 00-549 Warszawa Polska - Tel : +48 608 454 114 - Fax : +48 (22) 621 61 09

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

**1.4. Emergency telephone number**

France : ORFILA (INRS) +33 (0)1 45 42 59

International : CHEMTEL +1-813-248-0585.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

⚠ Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

**2.2. Label elements**

Hazard pictograms:



Danger

Hazard statements:

H318 Causes serious eye damage.

Precautionary statements:

P280 Wear protective gloves and eye/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER if you feel unwell.

Special Provisions:

None

Contains

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ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 5% - < 7%	PYROPHOSPHATE TETRAPOTASSIQUE	CAS: 7320-34-5 EC: 230-785-7 REACH No.: 01- 2119489369 -18	⚠ 3.3/2 Eye Irrit. 2 H319
>= 3% - < 5%	ISONONANOIC ACID, COMPOUND WITH 2- AMINOETHANOL (1:1)	CAS: 67801-50-7 EC: 267-169-2	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.2/2 Skin Irrit. 2 H315
>= 3% - < 5%	ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED	CAS: 68154-97-2 EC: 935-890-8	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/1 Eye Dam. 1 H318
>= 1% - < 3%	POTASSIUM CARBONATE	CAS: 584-08-7 EC: 209-529-3 REACH No.: 01- 2119532646 -36	⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.2/2 Skin Irrit. 2 H315
>= 1% - < 3%	SODIUM BENZOATE	CAS: 532-32-1 EC: 208-534-8 REACH No.: 01- 2119460683 -35	⚠ 3.3/2 Eye Irrit. 2 H319
>= 0.5% - < 1%	2-AMINOETHANOL	CAS: 141-43-5 EC: 205-483-3 REACH No.: 01- 2119486455 -28	⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/1B Skin Corr. 1B H314 4.1/C3 Aquatic Chronic 3 H412

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

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### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

#### **5.3. Advice for firefighters**

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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### **SECTION 6: Accidental release measures**

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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

#### **6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

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

Wash with plenty of water.

#### **6.4. Reference to other sections**

See also section 8 and 13

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### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

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See also section 8 for recommended protective equipment.

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

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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

None in particular

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

2-AMINOETHANOL - CAS: 141-43-5

- OEL Type: National - TWA(8h): 5.1 mg/m<sup>3</sup> - Notes: Germany- Notes DFG, H, Y

- OEL Type: National - TWA(8h): 2.5 mg/m<sup>3</sup>, 1 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes: France

VLEC - TMP N° 49, 49 Bis

- OEL Type: EU - TWA(8h): 2.5 mg/m<sup>3</sup>, 1 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 3 ppm - STEL: 6 ppm - Notes: Eye and skin irr

- OEL Type: National - TWA(8h): 2.5 mg/m<sup>3</sup>, 0.98 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes:

Netherlands

- OEL Type: National - TWA(8h): 2.5 mg/m<sup>3</sup>, 1 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes:

Belgium

- OEL Type: National - TWA(8h): 2.5 mg/m<sup>3</sup>, 1 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes: UK

DNEL Exposure Limit Values

PYROPHOSPHATE TETRAPOTASSIQUE - CAS: 7320-34-5

Worker Professional: 2.79 mg/m<sup>3</sup> - Consumer: 0.68 mg/l - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 70 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic

effects

POTASSIUM CARBONATE - CAS: 584-08-7

Worker Professional: 10 mg/m<sup>3</sup> - Consumer: 10 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term (repeated)

SODIUM BENZOATE - CAS: 532-32-1

Worker Professional: 34.7 mg/kg bw/day - Consumer: 20.8 mg/m<sup>3</sup> - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Professional: 4.5 mg/cm<sup>2</sup> - Consumer: 2.7 mg/cm<sup>2</sup> - Exposure: Human Dermal -

Frequency: Long Term, local effects

Worker Professional: 10.4 mg/m<sup>3</sup> - Consumer: 2.4 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Professional: 6.3 mg/m<sup>3</sup> - Consumer: 2.7 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, local effects

Consumer: 25 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic

effects

2-AMINOETHANOL - CAS: 141-43-5

Worker Industry: 1 mg/kg - Consumer: 0.24 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 3.3 mg/m<sup>3</sup> - Consumer: 2 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, local effects

Consumer: 3.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, local effects

PNEC Exposure Limit Values

PYROPHOSPHATE TETRAPOTASSIQUE - CAS: 7320-34-5

Target: Fresh Water - Value: 0.05 mg/l

Target: Marine water - Value: 0.005 mg/l

Target: Freshwater sediments - Value: 0.5 mg/l - Notes: PNEC aqua (intermittente, eau douce)

Target: Microorganisms in sewage treatments - Value: 50 mg/l

2-AMINOETHANOL - CAS: 141-43-5

Target: Fresh Water - Value: 0.085 mg/l

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Target: Marine water - Value: 0.0085 mg/l  
 Target: Freshwater sediments - Value: 0.425 mg/l  
 Target: Marine water sediments - Value: 0.0425 mg/l  
 Target: Microorganisms in sewage treatments - Value: 100 mg/l  
 Target: Soil (agricultural) - Value: 0.035 mg/kg  
 Target: PNEC intermittent - Value: 0.025 mg/l

Biological Exposure Index

#### 8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

NR (natural rubber, natural latex).

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

PVC (polyvinyl chloride).

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Appearance and colour:	Clear colourless to yellow liquid	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	10.7	ISO 4316, ASTM E70	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 °C	--	water base
Flash point (°C):	N.A.	--	--
Flash Point (°F):	N.A.	--	--

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Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	liquid
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.09	ISO 649, ASTM D1298	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	>230°C	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

Volatile Organic compounds - VOCs = 0 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

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#### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

PYROPHOSPHATE TETRAPOTASSIQUE - CAS: 7320-34-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 1.1 mg/l

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 940 mg/kg

POTASSIUM CARBONATE - CAS: 584-08-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 500 mg/m<sup>3</sup>

Test: LD50 - Route: Skin - Species: Rat = 2000 mg/kg

SODIUM BENZOATE - CAS: 532-32-1

a) acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 3140 mg/kg

Test: LC50 - Route: Inhalation Dust - Species: Rat = 12.2 mg/l

2-AMINOETHANOL - CAS: 141-43-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1089 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg

Test: LC50 - Route: Inhalation Dust > 1 mg/l - Duration: 4h

g) reproductive toxicity:

Test: NOAEL - Species: Rat = 225 MGKGBWDAY - Notes: development

Test: NOAEL - Species: Rat = 300 MGKGBWDAY - Notes: fertility

h) STOT-single exposure:

Test: C - Route: Inhalation Dust > 5 mg/l - Duration: 4h

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 300 mg/kg/d - Duration: > 75 days - Source: OECD 416, Experimental value - Notes: Effect: Body weight, weight of organs, consumption food

Test: NOAEC - Route: Inhalation - Species: Rat = 10 mg/m<sup>3</sup> - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experimental value - Notes: Effect: Lesions to the larynx, trachea and lungs

Test: NOEC - Route: Inhalation - Species: Rabbit = 150 mg/m<sup>3</sup> - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experimental value - Notes: No adverse systemic effects

If not specified in other sections, the information required in Regulation (EU)2015/830 listed below must be considered as not relevant.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;

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j) aspiration hazard.

Other toxicological information:

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED

Eye contact:

Severe eye irritation.

-

2-AMINOETHANOL

Low subchronic toxicity by dermal, oral and inhalation routes.

Skin corrosion / irritation (rabbit):

Corrosive

Severe eye injury/irritation (rabbit):

Irritating effect

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

Adopt good working practices, so that the product is not released into the environment.

PYROPHOSPHATE TETRAPOTASSIQUE - CAS: 7320-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: EC50 > 1000 mg/l - Duration h: 3 - Notes: Activated sludge

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 100 mg/l - Duration h: 96

Endpoint: NOEC - Species: Algae > 100 mg/l - Duration h: 72

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 1-10 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC10 - Species: Algae > 1-10 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Algae > 10-100 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: LC50 - Species: Fish = 1-10 mg/l - Duration h: 96 - Notes: Cyprins dorés

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 1.000 mg/l - Duration h: 17 - Notes: Pseudomonas putida

POTASSIUM CARBONATE - CAS: 584-08-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 68 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 430 mg/l - Duration h: 48

Endpoint: LC50 - Species: Daphnia = 120 mg/l - Notes: Daphnia pulex

SODIUM BENZOATE - CAS: 532-32-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 96 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 430000 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 51 mg/l - Duration h: 504 - Notes: Daphnia magna

2-AMINOETHANOL - CAS: 141-43-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: NOEC - Species: Fish = 1.2 mg/l - Duration h: 720 - Notes: Oryzias latipes

Endpoint: EC50 - Species: Daphnia = 65 mg/l - Duration h: 48

Endpoint: NOEC - Species: Daphnia = 0.85 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae = 1 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata



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Endpoint: EC50 - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 1000 mg/l

**12.2. Persistence and degradability**

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

Biodegradability: Readily biodegradable - Test: N.A. - Duration: 28 days - %: > 60 - Notes: aerobic

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: 75 - Notes: N.A.

Biodegradability: Chemical Oxygen Demand (COD) - Test: N.A. - Duration: N.A. - %: N.A. - Notes: 2.188 mg/g

2-AMINOETHANOL - CAS: 141-43-5

Biodegradability: Biodegradability rate - Test: N.A. - Duration: 21 days - %: > 90 - Notes: N.A.

**12.3. Bioaccumulative potential**

2-AMINOETHANOL - CAS: 141-43-5

Log Pow - Test: N.A. -1.91 - Duration: N.A. - Notes: N.A.

**12.4. Mobility in soil**

2-AMINOETHANOL - CAS: 141-43-5

Log Koc - Test: N.A. 1.17 - Duration: N.A. - Notes: N.A.

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

vPvB Substances: None - PBT Substances: None

**12.6. Other adverse effects**

No harmful effects expected.

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

06 02 99 wastes not otherwise specified

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**SECTION 14: Transport information****14.1. UN number**

Not classified as dangerous in the meaning of transport regulations.

**14.2. UN proper shipping name**

N.A.

**14.3. Transport hazard class(es)**

N.A.

**14.4. Packing group**

N.A.

**14.5. Environmental hazards**

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

**14.6. Special precautions for user**

N.A.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

N.A.

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

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Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

No restriction.

Listed or in compliance with the following international inventories:

N.A.

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

COMORAL DCP

phosphates  $\geq 5\%$  -  $< 15\%$

non-ionic surface active agents  $< 5\%$

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

**15.2. Chemical safety assessment**

No

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**SECTION 16: Other information**

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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This safety data sheet cancels and replaces any preceding version.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.