

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP**

Regulation (EU) n. 2020/878

**Safety Data Sheet date: 15/2/2023, version 12****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: COMORAL DSP  
SDS code: P43437  
UFI: D6QK-15N6-Q14H-272K

**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****Manufacturers:**

Socomore SASU

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

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

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**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 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)**

- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.
- ⚠ Warning, Skin Sens. 1A, May cause an allergic skin reaction.
- ⚠ Warning, Repr. 2, Suspected of damaging fertility. Suspected of damaging the unborn child.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

Adverse physicochemical, human health and environmental effects:

No other hazards

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))**  
**COMORAL DSP****2.2. Label elements**

Hazard pictograms:



Danger

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing vapours.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/clothing 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:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Contains

2-METHYL-2H-ISOTHIAZOLE-3-ONE

2,2'-iminodiethanol; diethanolamine

tetrasodium ethylene diamine tetraacetate

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

None

**2.3. Other hazards**No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$ 

Other Hazards:

No other hazards

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**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:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))**  
**COMORAL DSP**

Qty	Name	Ident. Number	Classification
>= 10% - < 12.5%	2,2'-iminodiethanol; diethanolamine	Index number: 603-071-00-1 CAS: 111-42-2 EC: 203-868-0 REACH No.: 01- 2119488930 -28	<ul style="list-style-type: none"> <li>◆ 3.7/2 Repr. 2 H361fd</li> <li>◆ 3.9/2 STOT RE 2 H373</li> <li>⚠ 3.2/2 Skin Irrit. 2 H315</li> <li>◆ 3.3/1 Eye Dam. 1 H318</li> <li>◆ 3.1/4/Oral Acute Tox. 4 H302</li> </ul>
>= 10% - < 12.5%	isononanoic acid, compound with 2,2',2''- nitrilotriethanol (1:1)	CAS: 67801-51-8 EC: 267-170-8 REACH No.: Exempted---- ----	<ul style="list-style-type: none"> <li>◆ 3.2/2 Skin Irrit. 2 H315</li> <li>◆ 3.3/2 Eye Irrit. 2 H319</li> </ul>
>= 1% - < 3%	tetrasodium ethylene diamine tetracetate	Index number: 607-428-00-2 CAS: 64-02-8 EC: 200-573-9 REACH No.: 01- 2119486762 -27	<ul style="list-style-type: none"> <li>◆ 3.1/4/Inhal Acute Tox. 4 H332</li> <li>◆ 3.9/2 STOT RE 2 H373</li> <li>⚠ 3.1/4/Oral Acute Tox. 4 H302</li> <li>◆ 3.3/1 Eye Dam. 1 H318</li> </ul>
>= 0.001% - < 0.1%	1,2-benzisothiazol- 3(2H)-one; 1,2- benzisothiazolin-3-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 REACH No.: 01- 2120761540 -60	<ul style="list-style-type: none"> <li>◆ 3.1/2/Inhal Acute Tox. 2 H330</li> <li>⚠ 3.2/2 Skin Irrit. 2 H315</li> <li>◆ 4.1/C2 Aquatic Chronic 2 H411</li> <li>◆ 3.3/1 Eye Dam. 1 H318</li> <li>⚠ 3.4.2/1 Skin Sens. 1 H317</li> <li>◆ 4.1/A1 Aquatic Acute 1 H400</li> <li>◆ 3.1/4/Oral Acute Tox. 4 H302</li> </ul> <p>Specific Concentration Limits: C &gt;= 0,05%: Skin Sens. 1 H317</p>
>= 0.001% - < 0.1%	2-METHYL-2H- ISOTHIAZOLE-3-ONE	CAS: 2682-20-4 EC: 220-239-6 REACH No.: 01- 2120764690 -50	<ul style="list-style-type: none"> <li>◆ 3.1/2/Inhal Acute Tox. 2 H330</li> <li>◆ 3.1/3/Dermal Acute Tox. 3 H311</li> <li>◆ 3.1/3/Oral Acute Tox. 3 H301</li> <li>◆ 3.2/1B Skin Corr. 1B H314</li> <li>◆ 3.3/1 Eye Dam. 1 H318</li> <li>⚠ 3.4.2/1A Skin Sens. 1A H317</li> <li>◆ 4.1/C1 Aquatic Chronic 1 H410</li> <li>◆ 4.1/A1 Aquatic Acute 1 H400</li> </ul> <p>M=10. EUH071 Specific Concentration Limits: C &gt;= 0,0015%: Skin Sens. 1A H317</p>

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH)) COMORAL DSP

### 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.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

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

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

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.

Exercise the greatest care when handling or opening the container.

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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

#### 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

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Occupational exposure limit values

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

- OEL Type: ACGIH - TWA(8h): 1 mg/m<sup>3</sup> - Notes: (IFV), Skin, A3 - Liver and kidney dam

- OEL Type: National - TWA: 15 mg/m<sup>3</sup>, 3 ppm - Notes: France

- OEL Type: National - TWA(8h): 2 mg/m<sup>3</sup>, 0.46 ppm - Notes: Netherlands

- OEL Type: National - TWA(8h): 2 mg/m<sup>3</sup>, 0.46 ppm - Notes: Belgium

- OEL Type: National - TWA: 0.2 ppm - Notes: DOW IHG, skin

tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

- OEL Type: National - TWA: 10 mg/m<sup>3</sup> - Notes: poussière, France, base : FR VLE

- OEL Type: National - TWA: 5 mg/m<sup>3</sup> - Notes: poussière, fraction alvéolaire, base : FR VLE

VLE

- OEL Type: National - TWA: 10.5 mg/m<sup>3</sup> - Notes: poussière totale, base : FR VLE

DNEL Exposure Limit Values

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP**

Worker Industry: 1 mg/m<sup>3</sup> - Consumer: 0.25 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.13 mg/kg - Consumer: 0.07 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.06 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 33 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

Worker Industry: 1.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 2.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 2.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Consumer: 1.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 2.5 mg/m<sup>3</sup> - Consumer: 25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term (repeated)

**PNEC Exposure Limit Values**

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Target: Fresh Water - Value: 0.0022 mg/l

Target: Marine water - Value: 0.00022 mg/l

Target: Freshwater sediments - Value: 0.019 mg/kg

Target: Marine water sediments - Value: 0.0019 mg/kg

Target: Soil (agricultural) - Value: 0.00108 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Sporadic discharge - Value: 0.022 mg/l

tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

Target: Fresh Water - Value: 2.2 mg/l

Target: Marine water - Value: 0.22 mg/l

Target: Soil (agricultural) - Value: 0.937 mg/kg

Target: Microorganisms in sewage treatments - Value: 43 mg/l

Target: Soil (agricultural) - Value: 0.72 mg/kg - Notes: eau douce

Target: PNEC intermittent - Value: 1.6 mg/l

**Biological Exposure Index**

N.A.

**8.2. Exposure controls**

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Use closed 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.

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

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:

In case of Aerosol or mist formation, use respiratory protection such as P2 (filters at least 94 % of airborne particles; colour code: White).

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Light yellow	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	100 °C	--	water base
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	>170°C	--	--
pH:	10	ISO 4316, ASTM E70	--
Kinematic viscosity:	N.A.	--	--

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))**  
**COMORAL DSP**

Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.07	ISO 649, ASTM D1298	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

Volatile Organic compounds - VOCs = 0 g/l

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**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.

**10.6. Hazardous decomposition products**

None.

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**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product:

COMORAL DSP

Acute toxicity:

ATEmix - Oral 11592,3 mg/kg bw

ATEmix - Inhalation (Vapours) 597,561 mg/l

Toxicological information of the main substances found in the product:

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Acute toxicity:



**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP**

Test: LD50 - Route: Oral - Species: Rat 1600 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 12.970 mg/kg

Test: LC0 - Route: Inhalation - Species: Rat = 0.2 mg/l - Duration: 8h

Carcinogenicity:

Test: NOAEL - Route: Skin - Species: Rat = 32 mg/kg bw/day - Notes: 103 weeks, LOAEL = 40 mg/kg bw/jour

Reproductive toxicity:

Test: NOAEC - Species: Rat = 300 mg/kg bw/day - Notes: daily weeks, fertility

Test: NOAEC - Species: Rat = 150 mg/kg bw/day - Notes: 6-15 days, development

Test: NOAEL - Species: Rat = 50 mg/l - Notes: 6-15 days, development

tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1780 mg/kg - Duration: 4h

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

Test: LC50 - Route: Inhalation - Species: Rat < 5 mg/l - Duration: 4h

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

Acute toxicity;

Skin corrosion/irritation;

Serious eye damage/irritation;

Respiratory or skin sensitisation;

Germ cell mutagenicity;

Carcinogenicity;

Reproductive toxicity;

STOT-single exposure;

STOT-repeated exposure;

Aspiration hazard.

**11.2. Information on other hazards**

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other toxicological information:

2,2'-iminodiethanol; diethanolamine

Skin corrosion / irritation (rabbit):

Irritating effect

Severe eye injury/irritation (rabbit):

Irreversible damage

May cause liver damage in case of prolonged or repeated exposures.

-

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

Skin irritation:

Slight irritating effect

Eye irritation:

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

Severe eye damage  
Sensitization:  
Possible by skin contact  
-

2-METHYL-2H-ISOTHIAZOLE-3-ONE  
Skin irritation:  
Slight irritation by prolonged contact  
Eye irritation:  
Severe eye irritation.  
Sensitization:  
Possible by skin contact

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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.

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

#### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1460 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia = 55 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.2 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Daphnia = 0.78 mg/l - Duration h: 504 - Notes: LOEC : 1,56 mg/l

Endpoint: EC10 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5

tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

#### a) Aquatic acute toxicity:

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

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 24

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

Endpoint: LC50 = 156 mg/kg - Notes: 14J, ver de terre

#### b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Fish = 36.9 mg/l - Notes: 35J, NOEL(C)

Endpoint: NOAEL - Species: Daphnia = 25 mg/l - Notes: 21J, NOEL(C)

#### c) Bacteria toxicity:

Endpoint: EC20 - Species: bacteria = 500 mg/l - Duration h: 0.5

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

#### a) Aquatic acute toxicity:

Endpoint: EC50 - Species: activated sludge = 13 mg/l - Duration h: 3 - Notes: OECD 209 - S2747

Endpoint: EC20 - Species: activated sludge = 3.3 mg/l - Duration h: 3 - Notes: OECD 209 - S2747

#### f) Effects in sewage plants:

approx. 90 % - Notes: OECD 302 B Zahn-Wellens Test - S3509

= 80 % - Notes: OECD 303 A: Activated Sludge Units - S978

2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4

#### a) Aquatic acute toxicity:

Endpoint: EC50 - Species: activated sludge = 34.6 mg/l - Duration h: 3 - Notes: (DIN 38412-3 -

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

TTC test) - S2791

Endpoint: EC20 - Species: activated sludge = 2.8 mg/l - Duration h: 3 - Notes: (DIN 38412-3 - TTC test) - S2791

#### 12.2. Persistence and degradability

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 93  
tetrasodium ethylene diamine tetraacetate - CAS: 64-02-8

Biodegradability: Non-readily biodegradable

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Biodegradability: Readily biodegradable - Test: OECD 307 - %: 0.04 d - Notes: S 5025

2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4

Biodegradability: Readily biodegradable - Test: OECD 307 - %: < 0.08 d - Notes: S1110

Biodegradability: Readily biodegradable - Test: OECD 308 - %: 1.28-2.1 d - Notes: S842

Biodegradability: Readily biodegradable - Test: OECD 309 - %: 4.1 d - Notes: S646

#### 12.3. Bioaccumulative potential

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Pow -2.18

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Log Kow - Test: OECD 117 0.7 - Notes: (n-octanol/water) S324

BCF - Test: OECD 305 6.95 - Notes: (fish) S2243

2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4

Log Kow - Test: OECD 117 <= 0.32 - Notes: (n-octanol/water) S325 (HPLC) Method)

BCF 3.16 - Notes: (calculated) literature

#### 12.4. Mobility in soil

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Koc 0 or -1.1472

Volality (H: Henry's Law Constant) 0.000004 Pa.m<sup>3</sup>/mol - Notes: 25°C

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

vPvB Substances: None - PBT Substances: None

#### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

#### 12.7. Other adverse effects

No harmful effects expected.

## 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 05\* other bases

## SECTION 14: Transport information

### 14.1. UN number or ID number

Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP****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. Maritime transport in bulk according to IMO instruments**

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)

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) 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)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 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:

Restriction 75

Listed or in compliance with the following international inventories:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP**

N.A.

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

COMORAL DSP

non-ionic surface active agents < 5%

EDTA and salts < 5%

Preservatives: yes

METHYLISOTHIAZOLINONE

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

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:

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H330 Fatal if inhaled.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Skin Irrit. 2, H315	Calculation method

## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

### COMORAL DSP

Eye Dam. 1, H318	Calculation method
Skin Sens. 1A, H317	Calculation method
Repr. 2, H361fd	Calculation method
STOT RE 2, H373	Calculation method

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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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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.

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
COMORAL DSP**

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.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.