

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
SOCOSTRIP A4512 - P54512A**

Safety Data Sheet dated 8/3/2018, version 4

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOSTRIP A4512  
MSDS code: P54512A

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

Recommended use:

Solvent

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)**

- ⚠ Warning, Met. Corr. 1, May be corrosive to metals.
- ⚠ Warning, Acute Tox. 4, Harmful if swallowed.
- ⚠ Warning, Acute Tox. 4, Harmful if inhaled.
- ⚠ Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

**2.2. Label elements**

Hazard pictograms:



Danger

Hazard statements:

H290 May be corrosive to metals.

H302+H332 Harmful if swallowed or if inhaled.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

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P261 Avoid breathing vapours.  
 P264 Wash hands thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 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/doctor/... if you feel unwell.

#### Special Provisions:

None

#### Contains

formic acid ...%  
 BENZYL ALCOHOL  
 BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS  
 BENZYL FORMATE  
 benzothiazole-2-thiol: May produce an allergic reaction.

#### 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  |
|-------------------|---|---|---|
| >= 20% -<br>< 25% | BENZYL ALCOHOL                                  | Index number: 603-057-00-5<br>CAS: 100-51-6<br>EC: 202-859-9<br>REACH No.: 01-2119492630-38 | ⚠ 3.1/4/Inhal Acute Tox. 4 H332<br>⚠ 3.1/4/Oral Acute Tox. 4 H302<br>⚠ 3.3/2 Eye Irrit. 2 H319                            |
| >= 7% -<br>< 10%  | BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS | CAS: 85536-14-7<br>EC: 287-494-3<br>REACH No.: 01-2119490234-40                             | ⚠ 3.1/4/Oral Acute Tox. 4 H302<br>⚠ 3.3/1 Eye Dam. 1 H318<br>4.1/C3 Aquatic Chronic 3 H412<br>⚠ 3.2/1B Skin Corr. 1B H314 |
| >= 7% -<br>< 10%  | formic acid ...%                                | Index number: 607-001-00-0<br>CAS: 64-18-6<br>EC: 200-579-1<br>REACH No.: 01-2119491174-37  | ⚠ 3.1/4/Oral Acute Tox. 4 H302<br>⚠ 3.2/1A Skin Corr. 1A H314<br>⚠ 3.1/3/Inhal Acute Tox. 3 H331                          |
| >= 3% -<br>< 5%   | BENZYL FORMATE                                  | CAS: 104-57-4<br>EC: 203-214-4  | ⚠ 3.1/4/Dermal Acute Tox. 4 H312<br>⚠ 3.1/4/Oral Acute Tox. 4 H302  |
| >= 0.1%           | benzothiazole-2-thiol                           | Index 613-108-00-3  | ⚠ 3.4.2/1-1A-1B Skin Sens. 1,1A,  |

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|           |  |  |   |
|-----------|--|--|---|
| - < 0.25% |  | number: 149-30-4<br>CAS:<br>EC: 205-736-8<br>REACH No.: 01-2119485805-26 | 1B H317<br>⚠ 4.1/A1 Aquatic Acute 1 H400<br>⚠ 4.1/C1 Aquatic Chronic 1 H410 |
|-----------|--|--|---|

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Remove contaminated clothing immediately and dispose off 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.
- Give nothing to eat or drink.

In case of Inhalation:

- If breathing is irregular or stopped, administer artificial respiration.
- In case of inhalation, consult a doctor immediately and show him packing or label.

##### 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.

#### 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.

#### SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

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.

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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.

Use localized ventilation system.

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.

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:

See section 10.5

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

formic acid ...% - CAS: 64-18-6

- OEL Type: National - TWA(8h): 9 mg/m<sup>3</sup>, 5 ppm - Notes: France VLEI

- OEL Type: EU - TWA(8h): 9 mg/m<sup>3</sup>, 5 ppm

- OEL Type: ACGIH - TWA(8h): 5 ppm - STEL: 10 ppm - Notes: URT, eye, and skin irr

DNEL Exposure Limit Values

BENZYL ALCOHOL - CAS: 100-51-6

Worker Professional: 40 mg/kg bw/day - Consumer: 28.5 - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Professional: 110 mg/m<sup>3</sup> - Consumer: 27 mg/kg bw/day - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 8 mg/kg bw/day - Consumer: 5.7 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 22 mg/m<sup>3</sup> - Consumer: 5.4 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 20 mg/kg bw/day - Exposure: Human Oral - Frequency: Short Term, systemic effects

BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS - CAS: 85536-14-7

Worker Industry: 170 mg/kg bw/day - Consumer: 85 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term (repeated)

Worker Industry: 12 mg/m<sup>3</sup> - Consumer: 3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 0.85 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term (repeated)

formic acid ...% - CAS: 64-18-6

Worker Industry: 9.5 mg/m<sup>3</sup> - Consumer: 3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 19 mg/m<sup>3</sup> - Consumer: 9.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

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Worker Industry: 9.5 mg/m<sup>3</sup> - Consumer: 3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
 Worker Industry: 19 mg/m<sup>3</sup> - Consumer: 9.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects  
 benzothiazole-2-thiol - CAS: 149-30-4  
 Consumer: 10 mg/kg bw/day - Exposure: Human Oral - Frequency: Short Term, systemic effects  
 Consumer: 1.25 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects  
 Worker Professional: 70.4 mg/m<sup>3</sup> - Consumer: 17.6 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects  
 Worker Professional: 8.8 mg/m<sup>3</sup> - Consumer: 2.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

BENZYL ALCOHOL - CAS: 100-51-6

Target: Fresh Water - Value: 1 mg/l

Target: Marine water - Value: 0.1 mg/l

Target: PNEC01 - Value: 2.3 mg/l

Target: Soil (agricultural) - Value: 0.456 mg/kg

Target: Freshwater sediments - Value: 5.27 mg/kg

Target: Marine water sediments - Value: 0.527 mg/kg

Target: Microorganisms in sewage treatments - Value: 39 mg/l

formic acid ...% - CAS: 64-18-6

Target: Fresh Water - Value: 2 mg/l

Target: Marine water - Value: 0.2 mg/l

Target: Freshwater sediments - Value: 13.4 mg/kg

Target: Marine water sediments - Value: 1.34 mg/kg

Target: Soil (agricultural) - Value: 1.5 mg/kg

Target: Microorganisms in sewage treatments - Value: 7.2 mg/l

Target: Sporadic discharge - Value: 1 mg/l

benzothiazole-2-thiol - CAS: 149-30-4

Target: Soil (agricultural) - Value: 0.0239 mg/kg

Target: Microorganisms in sewage treatments - Value: 0.3 mg/l

Target: Freshwater sediments - Value: 0.0321 mg/kg

Target: Marine water sediments - Value: 0.00321 mg/kg

Target: Marine water - Value: 0.00041 mg/l

Target: Fresh Water - Value: 0.0041 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.

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

Protection for skin:

Complete head, face and neck protection.

Boots (NF EN13832-3)

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

NR (natural rubber, natural latex).

PVC (polyvinyl chloride)

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

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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:                        | 2 yellow/<br>brown layers | --      | --    |
| Odour:  | N.A.                      | --      | --    |
| Odour threshold:                              | N.A.                      | --      | --    |
| pH:   | 0.5                       | --      | --    |
| Melting point / freezing point:               | N.A.                      | --      | --    |
| Initial boiling point and boiling range:      | 100°C                     | --      | --    |
| Flash point (°C):                             | 130                       | --      | --    |
| Flash Point (°F):                             | 266°F                     | --      | --    |
| Evaporation rate:                             | N.A.                      | --      | --    |
| Solid/gas flammability:                       | Not Relevant              | --      | --    |
| Upper/lower flammability or explosive limits: | Not Relevant              | --      | --    |
| Vapour pressure:                              | N.A.                      | --      | --    |
| Vapour density:                               | N.A.                      | --      | --    |
| Relative density:                             | 1.04                      | --      | --    |
| Solubility in water:                          | N.A.                      | --      | --    |
| Solubility in oil:                            | N.A.                      | --      | --    |
| Partition coefficient (n-octanol/water):      | N.A.                      | --      | --    |
| Auto-ignition temperature:                    | N.A.                      | --      | --    |
| Decomposition temperature:                    | >260°C                    | --      | --    |
| Viscosity:                                    | N.A.                      | --      | --    |
| Explosive properties:                         | N.A.                      | --      | --    |
| Oxidizing properties:                         | N.A.                      | --      | --    |

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#### 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 = 21,1 %

Volatile Organic compounds - VOCs = 219 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.

### 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:

BENZYL ALCOHOL - CAS: 100-51-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 4178 mg/m<sup>3</sup> - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 1620 MGKGBWDAY

Test: LOAEL

- Route: Oral - Species: Mouse = 750 mg/kg - Duration: 8 days

g) reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Mouse = 550 MGKGBWDAY - Source: 6-15 days

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 400 MGKGBWDAY

Test: NOAEL - Route: Oral - Species: Mouse = 200 MGKGBWDAY

Test: NOAEL - Route: Inhalation - Species: Rat = 1072 mg/m<sup>3</sup>

BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS - CAS: 85536-14-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1470 mg/kg

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

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 125 mg/kg - Duration: 28 days - Notes: gavage oral

Test: NOAEL - Route: Oral - Species: Rat = 40 mg/kg - Notes: 6 mois, alimentation orale

Test: NOAEL - Route: Oral - Species: Rat = 85 mg/kg - Notes: 9 mois, eau administrée oralement

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formic acid ...% - CAS: 64-18-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 730 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 7.4 mg/l - Duration: 4h

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

benzothiazole-2-thiol - CAS: 149-30-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3800 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 7940 mg/kg

g) reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rabbit = 300 mg/kg - Source: 18 jours : 7j/semaine, mg/kg bw/day

BENZYL ALCOHOL - CAS: 100-51-6

LD50 (RABBIT) SKIN SINGLE DOSE: 2000 MG/KG

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;
- j) aspiration hazard.

Other toxicological information:

BENZYL ALCOHOL

Skin corrosion/irritation:

Severe eye irritation.

Skin irritation:

Slight irritating effect

Mutagenicity on germ cells (in vitro):

Positive without metabolic activation, OECD 476, Mouse (L5178Y lymphoma cell)

Positive with metabolic activation, Chinese Hamster Ovary (CHO)

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BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS

Eye contact:

Severe eye damage

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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.

BENZYL ALCOHOL - CAS: 100-51-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 - Notes: Pimephales promelas, fresh water, static system

Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

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

d) Terrestrial toxicity:

Endpoint: IC50 - Species: Microorganisms = 390 mg/kg - Duration h: 24 - Notes: ISO 8192; Nitrosomas



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e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 310 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: Algae = 770 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS - CAS: 85536-14-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.67 mg/l - Duration h: 96 - Notes: Lepomis Macrochirus

Endpoint: EC50 - Species: Daphnia = 2.9 mg/l - Duration h: 48 - Notes: Daphnia Magna

Endpoint: EC50 - Species: Algae = 47.3 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

Endpoint: NOEC - Species: Algae = 2.4 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 0.63 mg/l - Notes: 196J, Pimephales Promelas, LOEC : 1.2 mg/L

Endpoint: NOEC - Species: Daphnia = 1.41 mg/l - Notes: 21J

Endpoint: NOEC - Species: Algae = 3.1 mg/l - Notes: 15J, Chlorella Kessleri, LOEC : 10 mg/L

Endpoint: NOEC - Species: Algae > 4 mg/l - Notes: 28J, Elodea Canadensis

formic acid ...% - CAS: 64-18-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 46 mg/l - Duration h: 96 - Notes: Leuciscus idus

Endpoint: EC50 - Species: Daphnia = 32.19 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 26.9 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

Endpoint: NOEC - Species: Daphnia > 102 mg/l - Duration h: 504

c) Bacteria toxicity:

Endpoint: EC10 - Species: bacteria = 72 mg/l - Duration h: 312 - Notes: Boue activée/activated sludge

Endpoint: EC50 - Species: bacteria = 46.7 mg/l - Duration h: 17

f) Effects in sewage plants (activated sludge):

Endpoint: EC20 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5

benzothiazole-2-thiol - CAS: 149-30-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.71 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.25 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 0.73 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 4.1 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.08 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae = 0.066 mg/l - Duration h: 72

Endpoint: NOEC - Species: Fish 0.041 mg/l - Duration h: 2136

#### 12.2. Persistence and degradability

BENZYL ALCOHOL - CAS: 100-51-6

Biodegradability: Biodegradation in water - Test: MITI modif(I) - Duration: 14 days - %: 92-96 - Notes: OECD 301C

BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS - CAS: 85536-14-7

Biodegradability: Biodegradable - Test: N.A. - Duration: 28 days - %: 96 - Notes: N.A.

formic acid ...% - CAS: 64-18-6

Biodegradability: Readily biodegradable - Test: N.A. - Duration: N.A. - %: N.A. - Notes: N.A.

benzothiazole-2-thiol - CAS: 149-30-4

Biodegradability: Biodegradability rate - Test: N.A. - Duration: 14 days - %: 2.5 - Notes: N.A.

#### 12.3. Bioaccumulative potential

BENZYL ALCOHOL - CAS: 100-51-6

BCF - Test: N.A. 1.37 l/kg - Duration: N.A. - Notes: N.A.

Log Kow - Test: N.A. 1.05 - Duration: N.A. - Notes: 20°C

#### 12.4. Mobility in soil

BENZYL ALCOHOL - CAS: 100-51-6

Log Koc - Test: N.A. 15.7 - Duration: N.A. - Notes: N.A.

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Volality (H: Henry's Law Constant) - Test: N.A. 0.0879 Pa.m<sup>3</sup>/mol - 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.

### 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):

14 06 03\* Other solvents and solvent mixtures

### SECTION 14: Transport information



#### 14.1. UN number

ADR-UN Number: 3265

IATA-UN Number: 3265

IMDG-UN Number: 3265

#### 14.2. UN proper shipping name

ADR-Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
(BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS,  
formic acid ...%)

IATA-Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
(BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS,  
formic acid ...%)

IMDG-Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
(BENZENESULPHONIC ACID,4-C10-13-SEC-ALKYL DERIVS,  
formic acid ...%)

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

ADR-Class: 8

ADR - Hazard identification number: 80

IATA-Class: 8

IATA-Label: 8

IMDG-Class: 8

#### 14.4. Packing group

ADR-Packing Group: II

IATA-Packing group: II

IMDG-Packing group: II

#### 14.5. Environmental hazards

ADR-Enviromental Pollutant: No

IMDG-Marine pollutant: No

#### 14.6. Special precautions for user

ADR-Subsidiary risks: -

ADR-S.P.: 274

ADR-Transport category (Tunnel restriction code): (E)

IATA-Passenger Aircraft: 851

IATA-Subsidiary risks: -

IATA-Cargo Aircraft: 855

IATA-S.P.: A3 A803

IATA-ERG: 8L

IMDG-EmS: F-A , S-B

IMDG-Subsidiary risks: -

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IMDG-Stowage and handling: Category B  
IMDG-Segregation: Clear of living quarters.  
Q.L.: 1L  
Q.E.: E2

**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)  
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:

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

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:

H332 Harmful if inhaled.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.

H331 Toxic if inhaled.

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- H312 Harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic 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

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden.

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. |
| 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.  |

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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.