

# Safety Data Sheet

## SOCOSTRIP A 0212 - P50212

Safety Data Sheet date: 26/1/2021, version 1

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### 1. Identification

#### GHS Product Identifier

Mixture identification:

Trade name: SOCOSTRIP A 0212

SDS code: P50212

#### Recommended use of the chemical and restrictions on use

Recommended use:

Solvent

Industrial uses

Restrictions on use:

No uses advised against are identified.

#### Supplier's details

##### 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

##### Distributors:

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#### Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

#### Emergency phone number:

Australia emergency phone number: 13 11 26 (Australian Poisons Information Centre)

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### 2. Identification des dangers

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation.

Warning, Flam. Liq. 4, Combustible liquid.

⚠ 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.

⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.

Aquatic Acute 3, Harmful to aquatic life.

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

### GHS label elements, including precautionary statements

Hazard pictograms:



Danger

Hazard statements:

- H227 Combustible liquid.
- H290 May be corrosive to metals.
- H302+H332 Harmful if swallowed or if inhaled.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P234 Keep only in original packaging.
- P260 Do not breathe vapours.
- P261 Avoid breathing vapours.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye/face protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use a CO2 fire extinguisher to extinguish.
- P390 Absorb spillage to prevent material damage.
- P403 Store in a well-ventilated place.
- P405 Store locked up.
- P406 Store in corrosive resistant container.

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P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

**Other hazards which do not result in a classification**

No other hazards

### 3. Composition/information on ingredients

#### Substances

N.A.

#### Mixtures

Hazardous components within the meaning of GHS and related classification:

| Qty               | Name                             | Ident. Number   | Classification  |
|-------------------|----------------------------------|---|---|
| >= 20% -<br>< 25% | benzyl alcohol                   | Index number:<br>CAS:<br>EC:<br>REACH No.:<br>603-057-00-5<br>100-51-6<br>202-859-9<br>01-<br>2119492630<br>-38 | ⚠ 3.1/4/Oral Acute Tox. 4 H302<br>⚠ 3.1/4/Inhal Acute Tox. 4 H332   |
| >= 7% -<br>< 10%  | formic acid ... %                | Index number:<br>CAS:<br>EC:<br>REACH No.:<br>607-001-00-0<br>64-18-6<br>200-579-1<br>01-<br>2119491174<br>-37  | ⚠ 2.6/3 Flam. Liq. 3 H226<br>⚠ 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<br>4.1/A3 Aquatic Acute 3 H402                            |
| >= 3% -<br>< 5%   | BENZYL FORMATE                   | CAS:<br>EC:<br>REACH No.:<br>104-57-4<br>203-214-4<br>Exempted----<br>----                                      | 2.6/4 Flam. Liq. 4 H227<br>⚠ 3.1/4/Oral Acute Tox. 4 H302<br>⚠ 3.1/4/Dermal Acute Tox. 4 H312   |
| >= 1% -<br>< 3%   | ORANGE, SWEET,<br>EXTRACT        | CAS:<br>EC:<br>REACH No.:<br>8028-48-6<br>232-433-8<br>01-<br>2119493353<br>-35                                 | ⚠ 2.6/3 Flam. Liq. 3 H226<br>⚠ 3.2/2 Skin Irrit. 2 H315<br>⚠ 3.4.2/1 Skin Sens. 1 H317<br>⚠ 3.10/1 Asp. Tox. 1 H304<br>⚠ 4.1/A1 Aquatic Acute 1 H400<br>⚠ 4.1/C1 Aquatic Chronic 1 H410 |
| >= 1% -<br>< 3%   | PYROPHOSPHATE<br>TÉTRAPOTASSIQUE | CAS:<br>EC:<br>REACH No.:<br>7320-34-5<br>230-785-7<br>01-  | 3.1/5/Dermal Acute Tox. 5 H313<br>⚠ 3.2/2 Skin Irrit. 2 H315<br>⚠ 3.3/2A Eye Irrit. 2A H319   |

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|                      |                       |  |  |
|----------------------|-----------------------|--|--|
|                      |                       | 2119489369<br>-18  |  |
| >= 0.1% -<br>< 0.25% | benzothiazole-2-thiol | Index number:<br>CAS:<br>EC:<br>REACH No.:<br>01-<br>2119485805<br>-26 | 3.1/5/Oral Acute Tox. 5 H303<br>⚠ 3.4.2/1B Skin Sens. 1B H317<br>⚠ 4.1/C1 Aquatic Chronic 1 H410 |

### 4. First-aid measures

#### Description of necessary first-aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- 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.
- 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.

#### Most important symptoms/effects, acute and delayed

None

#### Indication of immediate medical attention and special treatment needed, if necessary

- In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
- Treatment:
- No particular treatment.

### 5. Fire-fighting measures

#### Suitable extinguishing media

In case of fire: Use a CO2 fire extinguisher to extinguish.

#### Unsuitable extinguishing media

None in particular.

#### Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

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Burning produces heavy smoke.

### **Hazardous combustion products:**

None

Explosive properties: N.A.

Oxidizing properties: N.A.

### **Special protective actions for fire-fighters**

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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## 6. Accidental release measures

### **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.

### **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

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

Wash with plenty of water.

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## 7. Handling and storage

### **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.

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.

### **Conditions for safe storage, including any incompatibilities**

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Do not pour the product into other containers. Always use the original container.

Keep away from food, drink and feed.

Incompatible materials:

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None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

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### 8. Exposure controls/personal protection

#### Control parameters

benzyl alcohol - CAS: 100-51-6

- OEL Type: National - TWA(8h): 22 mg/m<sup>3</sup>, 5 ppm - Notes: Germany - DFG, H, Y,11

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 Industry: 40 mg/kg b.w./day - Consumer: 28.5 - Exposure: Human Dermal -

Frequency: Short Term, systemic effects

Worker Industry: 110 mg/m<sup>3</sup> - Consumer: 27 mg/kg b.w./day - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 8 mg/kg b.w./day - Consumer: 5.7 - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 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 b.w./day - Exposure: Human Oral - Frequency: Short Term, systemic effects

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

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

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Worker Professional: 8.89 mg/kg b.w./day - Consumer: 4.44 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 185.8 µg/cm<sup>2</sup> - Consumer: 92.9 µg/cm<sup>2</sup> - Exposure: Human Dermal - Frequency: Short Term, local effects

Worker Professional: 31.1 mg/m<sup>3</sup> - Consumer: 7.78 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 4.44 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

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

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Frequency: Long Term, systemic effects

Consumer: 70 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

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

Consumer: 10 mg/kg b.w./day - Exposure: Human Oral - Frequency: Short Term, systemic effects

Consumer: 1.25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 70.4 mg/m<sup>3</sup> - Consumer: 17.6 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 8.8 mg/m<sup>3</sup> - Consumer: 2.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 5 mg/kg b.w./day - Consumer: 2.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 40 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Consumer: 1.25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 10 mg/kg b.w./day - Exposure: Human Oral - Frequency: Short 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 - 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

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Target: Fresh Water - Value: 5.4 mg/l

Target: Marine water - Value: 0.54 mg/l

Target: PNEC01 - Value: 5.77 mg/l

Target: Freshwater sediments - Value: 1.3 mg/kg

Target: Marine water sediments - Value: 0.13 mg/kg

Target: Soil (agricultural) - Value: 0.261 mg/kg

Target: Microorganisms in sewage treatments - Value: 2.1 mg/l

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Target: PNEC02 - Value: 13.3 mg/l  
 PYROPHOSPHATE TÉTRAPOTASSIQUE - 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  
 benzothiazole-2-thiol - CAS: 149-30-4  
 Target: Sewage treatment plant - Value: 0.3 mg/l  
 Target: Freshwater sediments - Value: 0.147 mg/kg  
 Target: Marine water sediments - Value: 0.0147 mg/kg dw  
 Target: Marine water - Value: 0.00041 mg/l  
 Target: Fresh Water - Value: 0.0041 mg/l  
 Target: Soil - Value: 0.27 mg/kg dw

### Appropriate engineering controls:

None

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye protection:

Safety goggles (EN 166)  
 Face protection shield. (EN 166)  
 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  
 NR (natural rubber, natural latex).  
 NBR (nitrile rubber).  
 PVC (polyvinyl chloride).  
 Butyl rubber (isobutylene-isoprene copolymer)

#### Respiratory protection:

Use adequate protective respiratory equipment.

#### Thermal Hazards:

None

## 9. Physical and chemical properties

| Properties             | Value           | Method: | Notes |
|------------------------|-----------------|---------|-------|
| Appearance and colour: | Orange soft gel | --      | --    |
| Odour:                 | N.A.            | --      | --    |
| pH:                    | 2               | --      | --    |



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|   |   |    |    |
|---|---|----|----|
| Kinematic viscosity                           | N.A.  | -- | -- |
| Melting point / freezing point:               | Not Relevant                                      | -- | -- |
| Initial boiling point and boiling range:      | 180 °C  | -- | -- |
| Flammability                                  | The product is classified:<br>Combustible liquid. | -- | -- |
| Flash point (°C):                             | 85 °C   | -- | -- |
| Upper/lower flammability or explosive limits: | N.A.  | -- | -- |
| Vapour pressure:                              | N.A.  | -- | -- |
| Vapour density:                               | N.A.  | -- | -- |
| Relative density:                             | 1.02  | -- | -- |
| Solubility in water:                          | N.A.  | -- | -- |
| Solubility in oil:                            | N.A.  | -- | -- |
| Partition coefficient (n-octanol/water):      | N.A.  | -- | -- |
| Auto-ignition temperature:                    | N.A.  | -- | -- |
| Decomposition temperature:                    | N.A.  | -- | -- |
| Particle characteristics:                     |   |    |    |
| Particle size (average and range)             | N.A.  | -- | -- |

## 10. Stability Toxicological information

### Reactivity

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Stable under normal conditions

### Chemical stability

Stable under normal conditions

### Possibility of hazardous reactions

None

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

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## 11. Toxicological information

### 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

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

Reproductive toxicity:

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

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>

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

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

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

STOT-repeated exposure:

Test: LOAEL

- Species: Mouse = 1000 MGKGBWDAY

PYROPHOSPHATE TÉTRAPOTASSIQUE - CAS: 7320-34-5

Acute toxicity:

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

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

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Test: LC50 - Route: Inhalation - Species: Rat > 1.1 mg/l  
benzothiazole-2-thiol - CAS: 149-30-4

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 1270 mg/l - Duration: 4h

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

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

Carcinogenicity:

Test: LOAEL

- Route: Oral - Species: Rat = 375 mg/kg bw - Duration: 103 weeks, 5 days/week - Source: OECD 451 - Notes: Male

Test: LOAEC - Route: Oral - Species: Rat = 188 mg/kg bw - Duration: 103 weeks, 5 days/week - Source: OECD 451 - Notes: Female

STOT-repeated exposure:

Test: LOAEL

- Route: Oral - Species: Rat = 2500 ppm - Duration: 70 days - Source: OECD 416 - Notes: Subchronic toxicity

benzyl alcohol - CAS: 100-51-6

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

**If not differently specified, the information listed below must be considered as non applicable:**

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.

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## 12. Ecological information

### 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;

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Nitrosomas

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

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

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.67 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 150 mg/l - Duration h: 72 - Notes: GrünalgeDesmodesmusSub

PYROPHOSPHATE TÉTRAPOTASSIQUE - 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

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

### Persistence and degradability

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benzyl alcohol - CAS: 100-51-6

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

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

Biodegradability: Readily biodegradable

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Biodegradability: Biodegradability rate - Test: OECD 301B - Duration: 28 days - %: 72 - 83.4

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

Biodegradability: Biodegradability rate - Test: OECD 301C - Duration: 14 days - %: 2.5

### Bioaccumulative potential

benzyl alcohol - CAS: 100-51-6

BCF 1.37 l/kg

Log Kow 1.05 - Notes: 20°C

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

BCF 1.502 - 2.597

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

Log Pow 2.42

BCF - Test: OECD 305C < 8 - Duration: 14 days - Notes: Cyprinus carpio (25°C)

### Mobility in soil

benzyl alcohol - CAS: 100-51-6

Log Koc 15.7

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

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

Log Koc 2.51 - 3.55

### Other adverse effects

No harmful effects expected.

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## 13. Disposal considerations

### Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

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## 14. Transport information



### UN number

ADR-UN Number: 3265

IATA-UN Number: 3265

IMDG-UN Number: 3265

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### UN proper shipping name

|                     |  |
|---------------------|--|
| ADR-Shipping Name:  | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (formic acid ...%) |
| IATA-Shipping Name: | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (formic acid ...%) |
| IMDG-Shipping Name: | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (formic acid ...%) |

### Transport hazard class(es)

|                                     |    |
|-------------------------------------|----|
| ADR-Class:                          | 8  |
| ADR - Hazard identification number: | 80 |
| IATA-Class:                         | 8  |
| IATA-Label:                         | 8  |
| IMDG-Class:                         | 8  |

### Packing group, if applicable

|                     |    |
|---------------------|----|
| ADR-Packing Group:  | II |
| IATA-Packing group: | II |
| IMDG-Packing group: | II |

### Environmental hazards

|                              |    |
|------------------------------|----|
| ADR-Environmental Pollutant: | No |
| IMDG-Marine pollutant:       | No |

### Special precautions for user

|   |                |
|---|----------------|
| ADR-Subsidiary hazards:                           | -              |
| ADR-S.P.:   | 274            |
| ADR-Transport category (Tunnel restriction code): | 2 (E)          |
| IATA-Passenger Aircraft:                          | 851            |
| IATA-Subsidiary hazards:                          | -              |
| IATA-Cargo Aircraft:                              | 855            |
| IATA-S.P.:  | A3 A803        |
| IATA-ERG:   | 8L             |
| IMDG-EmS:   | F-A , S-B      |
| IMDG-Subsidiary hazards:                          | -              |
| IMDG-Stowage and handling:                        | Category B SW2 |
| IMDG-Segregation:                                 | -              |

### Transport in bulk according to IMO instruments

N.A.

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## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question.

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:

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### 16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation.

Full text of phrases referred to in Section 3:

- H302 Harmful if swallowed.
- H332 Harmful if inhaled.
- H226 Flammable liquid and vapour.
- H314 Causes severe skin burns and eye damage.
- H331 Toxic if inhaled.
- H402 Harmful to aquatic life.
- H227 Combustible liquid.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H304 May be fatal if swallowed and enters airways.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H313 May be harmful in contact with skin.
- H319 Causes serious eye irritation.
- H303 May be harmful if swallowed.

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.

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|             |  |
|-------------|--|
| 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.              |
| 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.                                      |
| PNEC:       | Predicted No Effect Concentration.   |
| RID:        | Regulation Concerning the International Transport of Dangerous Goods by Rail.        |
| STEL:       | Short Term Exposure limit.   |
| STOT:       | Specific Target Organ Toxicity.  |
| TLV:        | Threshold Limiting Value.  |
| TWA:        | Time-weighted average  |
| WGK:        | German Water Hazard Class.   |