

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

Safety Data Sheet date: 1/9/2024, version 1

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#### 1. Identification

##### GHS Product Identifier

Mixture identification:

Trade name: SOCOSTRIP A 0103N

SDS code: P50101

##### 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

Distributors:

Socomore Canada Limited - Unit 204, 6741 Cariboo Road, Burnaby V3N 4A3, British

Columbia, Canada / Email: csr-sts@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

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

techdirsocomore@socomore.com


##### Emergency phone number:

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

CHEMTEL: +1-813-248-0585 (International); 1-800-255-3924 (USA)


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#### 2. Hazards identification

 Warning, Acute Tox. 4, Harmful if swallowed.

 Warning, Acute Tox. 4, Harmful if inhaled.

Warning, Skin Irrit. 3, Causes mild skin irritation.

 Warning, Eye Irrit. 2A, Causes serious eye irritation.

 Danger, Resp. Sens. 1A, May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Aquatic Acute 3, Harmful to aquatic life.

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

**Safety Data Sheet****SOCOSTRIP A 0103N - P50101****GHS label elements, including precautionary statements**

Hazard pictograms:



Danger

Hazard statements:

H302+H332 Harmful if swallowed or if inhaled.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

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.

P273 Avoid release to the environment.

P280 Wear protective gloves/clothing and eye/face protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell.

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.

P330 Rinse mouth.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

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**3. Composition/information on ingredients****Substances**

N.A.

(N.A. = not applicable)

**Mixtures**

Hazardous components within the meaning of GHS and related classification:

&gt;= 30% - &lt; 60% benzyl alcohol

REACH No.: 01-2119492630-38, Index number: 603-057-00-5, CAS: 100-51-6, EC: 202-859-9



3.1/4/Oral Acute Tox. 4 H302



3.3/2A Eye Irrit. 2A H319


## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

 3.1/4/Inhal Acute Tox. 4 H332

>= 7% - < 10% hydrogen peroxide solution ...%

REACH No.: 01-2119485845-22, Index number: 008-003-00-9, CAS: 7722-84-1, EC: 231-765-0

 2.13/1 Ox. Liq. 1 H271

 3.3/1 Eye Dam. 1 H318

 3.8/3 STOT SE 3 H335

 3.2/1A Skin Corr. 1A H314

 3.1/4/Oral Acute Tox. 4 H302

 3.1/4/Inhal Acute Tox. 4 H332

Specific Concentration Limits:

C >= 70%: Ox. Liq. 1 H271

50% <= C < 70%: Ox. Liq. 2 H272

C >= 70%: Skin Corr. 1A H314

50% <= C < 70%: Skin Corr. 1B H314

35% <= C < 50%: Skin Irrit. 2 H315

8% <= C < 50%: Eye Dam. 1 H318

5% <= C < 8%: Eye Irrit. 2A H319

C >= 35%: STOT SE 3 H335

>= 1% - < 3% Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

REACH No.: 01-2119457273-39, EC: 918-481-9

 2.6/3 Flam. Liq. 3 H226

 3.10/1 Asp. Tox. 1 H304

 3.8/3 STOT SE 3 H336

>= 1% - < 3% TRISODIUM ORTHOPHOSPHATE

REACH No.: 01-2119489800-32, CAS: 10101-89-0, EC: 231-509-8

 3.3/2A Eye Irrit. 2A H319

 3.2/2 Skin Irrit. 2 H315

 3.8/3 STOT SE 3 H335

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

>= 0.3% - < 0.5% Dihydro-3-(octenyl)furan-2,5-dione, reaction products with sodium hydroxide

REACH No.: Exempted-----, CAS: 54163-66-5, EC: 259-003-2

 3.4.2/1 Skin Sens. 1 H317

>= 0.1% - < 0.25% Dihydro-3-(octenyl)furan-2,5-dione

REACH No.: 01-2119979082-33, CAS: 26680-54-6, EC: 247-899-8

 3.1/4/Dermal Acute Tox. 4 H312

 3.1/4/Oral Acute Tox. 4 H302

 3.3/2A Eye Irrit. 2A H319

 3.4.2/1A Skin Sens. 1A H317

 3.2/2 Skin Irrit. 2 H315

% = weight/weight

NOTE: The Hazard Classifications listed in this section refer to the chemical at a pure concentration. The actual concentration of chemicals has been withheld as trade secret.

#### 4. First-aid measures

##### Description of necessary 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.

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.

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 the 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:

**Safety Data Sheet**  
**SOCOSTRIP A 0103N - P50101**

No particular treatment.

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**5. Fire-fighting measures****Suitable extinguishing media**

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

**Unsuitable extinguishing media**

None in particular.

**Special hazards arising from the chemical**

Do not inhale explosion and combustion gases.  
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**

**For non emergency personnel:**

**For emergency responders:**

**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.

**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****Incompatible materials:**

None in particular.

**Instructions as regards storage premises:**

Adequately ventilated premises.

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**8. Exposure controls/personal protection**

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

#### 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 (Skin)
- OEL Type: National - TWA: 5 mg/m<sup>3</sup> - Notes: Bulgaria
- OEL Type: National - TWA: 40 mg/m<sup>3</sup> - Notes: Czech Republic
- OEL Type: National - TWA: 45 mg/m<sup>3</sup>, 10 ppm - Notes: Finland
- OEL Type: National - TWA: 5 mg/m<sup>3</sup> - Notes: Latvia
- OEL Type: National - TWA: 5 mg/m<sup>3</sup> - Notes: Lithuania (skin)
- OEL Type: National - TWA: 240 mg/m<sup>3</sup> - Notes: Poland
- OEL Type: National - TWA: 22 mg/m<sup>3</sup>, 5 ppm - STEL: 44 mg/m<sup>3</sup>, 10 ppm - Notes: Slovenia (Potential for cutaneous absorption)
- OEL Type: National - TWA: 22 mg/m<sup>3</sup>, 5 ppm - Notes: Switzerland (Skin notation)

hydrogen peroxide solution ...% - CAS: 7722-84-1

- OEL Type: ACGIH - TWA(8h): 1 ppm - Notes: A3 - Eye, URT, and skin irr
- OEL Type: National - TWA: 1.5 mg/m<sup>3</sup>, 1 ppm - Notes: France
- OEL Type: National - TWA: 1.4 mg/m<sup>3</sup>, 1 ppm - Notes: Belgium
- OEL Type: National - TWA: 1.4 mg/m<sup>3</sup>, 1 ppm - STEL(5 min (Mow)): 2.8 mg/m<sup>3</sup>, 2 ppm - Notes: Osterreich

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

- OEL Type: National - TWA: 1000 mg/m<sup>3</sup> - STEL: 1500 mg/m<sup>3</sup> - Behaviour: Indicative
- Notes: France
- OEL Type: National - TWA: 1200 mg/m<sup>3</sup>, 184 ppm - Notes: ExxonMobil
- OEL Type: EU - TWA: 1050 mg/m<sup>3</sup> - Notes: EU HSPA
- OEL Type: National - TWA: 25 ppm - Notes: Denmark
- OEL Type: National - TWA: 300 mg/m<sup>3</sup>, 50 ppm - Notes: Germany
- OEL Type: National - TWA: 300 mg/m<sup>3</sup> - STEL: 900 mg/m<sup>3</sup> - Notes: Poland
- OEL Type: National - TWA: 150 mg/m<sup>3</sup>, 25 ppm - STEL: 300 mg/m<sup>3</sup>, 50 ppm - Notes: Sweden
- OEL Type: National - TWA: 300 mg/m<sup>3</sup>, 50 ppm - STEL: 600 mg/m<sup>3</sup>, 100 ppm - Notes: Switzerland
- OEL Type: National - TWA: 300 mg/m<sup>3</sup> - STEL: 900 mg/m<sup>3</sup> - Notes: Poland (NDS, NDSCh)

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

- OEL Type: National - TWA: 10 mg/m<sup>3</sup> - Notes: Belgique ; poussiere inhalable
- OEL Type: National - TWA: 3 mg/m<sup>3</sup> - Notes: Belgique ; poussières alvéolaires
- OEL Type: National - TWA: 10 mg/m<sup>3</sup> - Notes: France ; poussiere inhalable
- OEL Type: National - TWA: 3 mg/m<sup>3</sup> - Notes: France ; poussières alvéolaires

#### DNEL Exposure Limit Values

benzyl alcohol - CAS: 100-51-6

- Worker Industry: 40 mg/kg b.w./day - Consumer: 20 mg/kg b.w./day - 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: 4 mg/kg b.w./day - 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

hydrogen peroxide solution ...% - CAS: 7722-84-1

- Worker Professional: 1.4 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects
- Worker Professional: 3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

Worker Industry: 17.87 mg/m<sup>3</sup> - Consumer: 7.66 mg/m<sup>3</sup> - Exposure: Human Inhalation  
 - Frequency: Long Term, systemic effects  
 Consumer: 70 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,  
 systemic effects

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

Worker Industry: 1.0 mg/kg b.w./day mg/kg b.w./day - Exposure: Human Dermal -  
 Frequency: Short Term (acute)

Worker Industry: 0.33 mg/kg - Exposure: Human Dermal - Frequency: Long Term,  
 systemic effects

Worker Industry: 10 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local  
 effects

Worker Industry: 0.5 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,  
 systemic effects

Worker Industry: 0.1 mg/m<sup>3</sup> - Consumer: 0.06 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
 Frequency: Long Term, local effects

Worker Industry: 3 mg/m<sup>3</sup> - Consumer: 1.2 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 - 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

hydrogen peroxide solution ...% - CAS: 7722-84-1

Target: PNEC intermittent - Value: 0.0138 mg/l - Notes:: fresh water

Target: Fresh Water - Value: 0.0126 mg/l

Target: Marine water - Value: 0.0126 mg/l

Target: Freshwater sediments - Value: 0.047 mg/kg

Target: Marine water sediments - Value: 0.047 mg/kg - Notes:: dry weight

Target: Soil (agricultural) - Value: 0.0023 mg/kg

Target: Sewage treatment plant - Value: 4.66 mg/l

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

Target: Fresh Water - Value: 0.02 mg/l

Target: Marine water - Value: 0.002 mg/l

Target: Microorganisms in sewage treatments - Value: 10 mg/l

Target: Freshwater sediments - Value: 1.7 mg/kg

Target: Marine water sediments - Value: 0.17 mg/kg

Target: Soil - Value: 0.2 mg/kg dw

Target: Water (intermittent discharge) - Value: 0.2 mg/l

Target: Sewage treatment plant - Value: 10 mg/l

Target: Oral (secondary poisoning) (foodstuff) - Value: 300 mg/kg

#### 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:

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

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

**Protection for hands:**

Suitable gloves type: NF EN374  
NBR (nitrile rubber).

**Respiratory protection:**

ABEK-P3 mask

**Thermal Hazards:**

None

#### 9. Physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Sky blue	--	--
Odour:	N.A.	--	--
pH:	7	ISO 4316, ASTM E70	--
Kinematic viscosity:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 degC	--	water base
Flammability:		N.A.	
Flash point (deg C):	85 degC	ISO 2592	--
Upper/lower flammability or explosive limits:	0.6-28%	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.03	ISO 649, ASTM D1298	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>210 degC	--	--
Decomposition temperature:	>114 degC	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

#### SECTION 10: Stability and reactivity

**Reactivity**

Stable under normal conditions

**Chemical stability**

Stable under normal conditions

**Possibility of hazardous reactions**

None

**Conditions to avoid**

Avoid contamination of the product.

Avoid contact with strong oxidizing agents, acids, reducing agents, alkalis/bases

**Incompatible materials**

Strong oxidizers.



**Safety Data Sheet****SOCOSTRIP A 0103N - P50101**

Acids.  
Reducing agents.  
Alkalis.  
Bases.

**Hazardous decomposition products**

None.

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**11. Toxicological information****Information on toxicological effects**

Toxicological information of the product:

SOCOSTRIP A 0103N

Acute toxicity

The product is classified: Acute Tox. 4 H302; Acute Tox. 4 H332

ATEmix - Oral 782.779 mg/kg bw

ATEmix - Inhalation (Mist) 2.34834 mg/l

Skin corrosion/irritation

The product is classified: Skin Irrit. 3 H316

Serious eye damage/irritation

The product is classified: Eye Irrit. 2A H319

Respiratory or skin sensitisation

The product is classified: Resp. Sens. 1A H334

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

benzyl alcohol - CAS: 100-51-6

Acute toxicity:

Test: ATE - Route: Inhalation = 11 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat (male) = 1620 mg/kg

Test: ATE - Route: Oral = 1620 mg/kg

Test: LD50 - Route: Oral - Species: Rat (Male, female) = 1620 mg/kg - Duration: 4h

Carcinogenicity:

Route: Oral - Species: mouse (Male, female) = 400 mg/kg bw/day - Duration: 104 weeks - Source: OECD 451

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: mouse (Male, female) = 200 mg/kg bw - Duration: 91 days

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

Test: NOAEL (fertility) - Route: Oral - Species: mouse (Male) = 800 mg/kg - Duration: 91 days

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 400 mg/kg bw - Duration: 91 days

Test: NOAEL (fertility) - Route: Oral - Species: Rat (Male, female) = 800 mg/kg bw - Duration: 91 days

Test: NOAEC - Route: Inhalation - Species: Rat (Male, female) = 1072 mg/m<sup>3</sup> - Duration: 28 days - Source: OECD 412

Test: NOAEL (fertility) - Route: Inhalation - Species: Rat (Male, female) = 1072 mg/m<sup>3</sup> - Duration: 28 days - Source: OECD 412

#### STOT-repeated exposure:

Test: NOAEC - Route: Inhalation (aerosol) - Species: Rat (Male, female) = 1072 mg/m<sup>3</sup> - Duration: 28 days - Source: OECD 412

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 400 mg/kg - Duration: 103 weeks, 5 days/week - Source: OECD 451

Test: NOAEC - Route: Inhalation (dust, mist) - Species: Rat (Male, female) = 1072 mg/m<sup>3</sup> - Duration: 28 days - Source: OECD 412

hydrogen peroxide solution ...% - CAS: 7722-84-1

#### Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 431

Test: LD50 - Route: Inhalation Dust - Species: Rat = 1.5 mg/kg - Duration: 4h - Notes: H<sub>2</sub>O<sub>2</sub> 35%

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 0.17 mg/kg - Duration: 4h - Notes: H<sub>2</sub>O<sub>2</sub> 50%

Test: LD50 - Route: Skin - Species: Rabbit > 2.000 mg/kg - Notes: H<sub>2</sub>O<sub>2</sub> 35%

Hydrocarbons, C<sub>10</sub>-C<sub>13</sub>, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD Test Guideline 401

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD Test Guideline 402

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m<sup>3</sup> - Duration: 4h

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

#### Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD 420

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402 - lectures croisees : substances similaires

Test: LD50 - Route: Inhalation - Species: Rat > 0.83 mg/l - Source: OECD 403 - lectures croisees : substances similaires

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

#### Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1098 mg/kg - Source: OECD 425

Test: LD50 - Route: Skin - Species: Rat > 1000 mg/kg - Source: OECD 402

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg - Source: OECD 402

Test: LD50 - Route: Skin - Species: Rabbit < 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 5.3 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation (aerosol) - Species: Rat > 5.3 mg/l

Test: ATE - Route: Oral = 1098 mg/kg

benzyl alcohol - CAS: 100-51-6

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

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## 12. Ecological information

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

#### Toxicity

Adopt good working practices, so that the product is not released into the environment.  
SOCOSTRIP A 0103N

The product is classified: Aquatic Acute 3 - H402; Aquatic Chronic 3 - H412  
benzyl alcohol - CAS: 100-51-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 - Notes: Pimephales promelas/ EPA OPP 72-1

Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48 - Notes: Daphnia magna, OECD 202

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 51 mg/l - Duration h: 504 - Notes: Daphnia magna, OECD 211

d) Terrestrial toxicity:

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

e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 310 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata, OECD 201

Endpoint: EC50 - Species: Algae = 770 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata, OECD 201

hydrogen peroxide solution ...% - CAS: 7722-84-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 16.4 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia = 2.4 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 2.62 mg/l - Duration h: 72 - Notes: Skeletonema costatum

Endpoint: EC50r - Species: Algae = 1.38 mg/l - Duration h: 72 - Notes: Skeletonema costatum

Endpoint: EC50 - Species: bacteria > 1000 mg/l - Duration h: 3 - Notes: Activated sludge (OCDE 209)

Endpoint: EC50 - Species: bacteria = 466 mg/l - Duration h: 0.5 - Notes: Activated sludge (OCDE 209)

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish < 38.5 mg/l - Duration h: 168 - Notes: Oncorhynchus mykiss

Endpoint: NOEC - Species: Aquatic invertebrates = 0.63 mg/l - Duration h: 504 - Notes: Daphnia magna

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Pseudokirchneriella subcapitata (green algae) > 1000 mg/l - Duration h: 72 - Notes: OECD Test Guideline 201

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: OECD Test Guideline 202

Endpoint: LC50 - Species: Rainbow Trout (Oncorhynchus mykiss) > 1000 mg/l - Duration h: 96 - Notes: OECD Test Guideline 203

b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Daphnia = 0.18 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: NOAEL - Species: Fish = 0.10 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

#### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 100 mg/l - Duration h: 96 - Notes: Oncorhynchus Mykiss, OECD 203, Lecture croisee: Substances similaires

Endpoint: EC50 - Species: Daphnia = 100 mg/l - Duration h: 48 - Notes: Daphnia magna, OECD 202

Endpoint: EC50 - Species: activated sludge = 1000 mg/l - Duration h: 3 - Notes: OECD 209

Endpoint: EC50 - Species: Algae = 100 mg/l - Duration h: 96

Endpoint: ErC50 - Species: activated sludge = 100 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus algae, OECD 201

Endpoint: NOEC - Species: Algae > 100 mg/l - Notes: Desmodesmus subspicatus, OECD 201

#### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 100 mg/l - Notes: Rainbow trout, OECD 203

Endpoint: NOEC - Species: Crustacea > 100 mg/l - Duration h: 48 - Notes: Daphnia magna, OECD 202

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

#### a) Aquatic acute toxicity:

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

Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 24

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss, OECD 203

Endpoint: LC50 - Species: Fish = 484 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 110 mg/l - Duration h: 96 - Notes: Selenastrum capricornutum

Endpoint: ErC50 - Species: Algae = 100 mg/l - Duration h: 96 - Notes: Selenastrum capricornutum, OECD directives

Endpoint: NOEC - Species: bacteria = 100 mg/l - Duration h: 3 - Activated sludge

Endpoint: EC50 - Species: Crustacea > 100 mg/l - Duration h: 48 - Notes: Daphnia magna, OECD 202

Species: bacteria = 800 mg/l - Duration h: 3 - Notes: OECD 209 - Activated sludge

#### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 10 mg/l - Duration h: 144

### Persistence and degradability

benzyl alcohol - CAS: 100-51-6

Biodegradability: Biodegradation in water - Test: OECD 301C - Duration: 14 days - %: 92-96 - Notes: OECD 301C

hydrogen peroxide solution ...% - CAS: 7722-84-1

Biodegradability: Readily biodegradable

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 80

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 19 days - %: 79,9

### Bioaccumulative potential

benzyl alcohol - CAS: 100-51-6

BCF 1.37 l/kg

Log Kow 1.05 - Notes: 20°C

hydrogen peroxide solution ...% - CAS: 7722-84-1

Log Kow - 1.57 - Notes: (20°C)

Not bioaccumulative

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Potentially bioaccumulative.

Dihydro-3-(octenyl)furan-2,5-dione - CAS: 26680-54-6

Log Pow > 4.68 - Notes: 22°C / OCDE 107

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

**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

hydrogen peroxide solution ...% - CAS: 7722-84-1

Log Koc 0.2

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Floats on the water. Adsorption in soil, low mobility.

**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**

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

**UN proper shipping name**

N.A.

**Transport hazard class(es)**

N.A.

**Packing group, if applicable**

N.A.

**Environmental hazards**

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

**Special precautions for user**

N.A.

**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:

N.A.

Canada (NDSL): One or more components are listed in the NDSL. All other components are listed in the DSL.

Japan (ENCS): Yes

Korea (KECI): Yes

Mexico (INSQ): Yes

**Safety Data Sheet****SOCOSTRIP A 0103N - P50101**

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:  
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

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**16. Other information**

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

Full text of phrases referred to in Section 3:

- H302 Harmful if swallowed.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H271 May cause fire or explosion; strong oxidiser.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H314 Causes severe skin burns and eye damage.
- H272 May intensify fire; oxidiser.
- H315 Causes skin irritation.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H317 May cause an allergic skin reaction.
- H312 Harmful in contact with skin.

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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- 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).

## Safety Data Sheet

### SOCOSTRIP A 0103N - P50101

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.

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