

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 18/4/2024, version 19**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOSTRIP A0103N
SDS code: P50101
UFI: 09NX-9CFU-9N4Y-V0A2

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**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

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Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

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

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

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

- ⚠ Warning, Acute Tox. 4, Harmful if swallowed.
 - ⚠ Warning, Acute Tox. 4, Harmful if inhaled.
 - ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
 - ⚠ Warning, Skin Sens. 1A, May cause an allergic skin reaction.
- Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

- H302+H332 Harmful if swallowed or if inhaled.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing vapours.
- P264 Wash hands thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/clothing and eye/face protection.
- P312 Call a POISON CENTER if you feel unwell.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Special Provisions:

- EUH208 Contains Dihydro-3-(octenyl)furan-2,5-dione, reaction products with sodium hydroxide. May produce an allergic reaction.

Contains

- benzyl alcohol
- hydrogen peroxide solution ...%
- Dihydro-3-(octenyl)furan-2,5-dione

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

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
>= 50% - < 60%	benzyl alcohol	Index number: CAS: EC:	603-057-00-5 100-51-6 202-859-9
			<ul style="list-style-type: none"> ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/2 Eye Irrit. 2 H319 Acute Toxicity Estimate:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

		REACH No.: 01-2119492630-38	ATE - Oral 1620 mg/kg bw
>= 7% - < 10%	hydrogen peroxide solution ...%	Index number: 008-003-00-9 CAS: 7722-84-1 EC: 231-765-0 REACH No.: 01-2119485845-22	<ul style="list-style-type: none"> ⚠ 2.13/1 Ox. Liq. 1 H271 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.8/3 STOT SE 3 H335 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.2/1A Skin Corr. 1A H314 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 <p>Specific Concentration Limits: 5% <= C < 8%: Eye Irrit. 2 H319 8% <= C < 50%: Eye Dam. 1 H318 35% <= C < 50%: Skin Irrit. 2 H315 C >= 35%: STOT SE 3 H335 50% <= C < 70%: Ox. Liq. 2 H272 50% <= C < 70%: Skin Corr. 1B H314 C >= 70%: Ox. Liq. 1 H271 C >= 70%: Skin Corr. 1A H314</p> <p>Acute Toxicity Estimate: ATE - Oral 431 mg/kg bw ATE - Dermal 6440 mg/kg bw ATE - Inhalation (Vapours) 0,17 mg/l</p>
>= 1% - < 3%	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC: 918-481-9 REACH No.: 01-2119457273-39	<ul style="list-style-type: none"> ⚠ 3.10/1 Asp. Tox. 1 H304 <p>EUH066 DECLP (CLP)*</p>
>= 1% - < 3%	TRISODIUM ORTHOPHOSPHATE	CAS: 10101-89-0 EC: 231-509-8 REACH No.: 01-2119489800-32	<ul style="list-style-type: none"> ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H335
>= 0.5% - < 1%	2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL	CAS: 95-38-5 EC: 202-414-9 REACH No.: 01-2119777867-13	<ul style="list-style-type: none"> ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/1C Skin Corr. 1C H314 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=10. ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

>= 0.5% - < 1%	2-(2-butoxyethoxy) ethanol; diethylene glycol monobutyl ether	Index number: CAS: EC: REACH No.:	603-096-00-8 112-34-5 203-961-6 01-2119475104-44	◊ 3.3/2 Eye Irrit. 2 H319
>= 0.3% - < 0.5%	Dihydro-3-(octenyl) furan-2,5-dione, reaction products with sodium hydroxide	CAS: EC: REACH No.:	54163-66-5 259-003-2 Exempted----	◊ 3.4.2/1 Skin Sens. 1 H317
>= 0.1% - < 0.25%	Dihydro-3-(octenyl) furan-2,5-dione	CAS: EC: REACH No.:	26680-54-6 247-899-8 01-2119979082-33	◊ 3.1/4/Dermal Acute Tox. 4 H312 ◊ 3.1/4/Oral Acute Tox. 4 H302 ◊ 3.3/2 Eye Irrit. 2 H319 ◊ 3.4.2/1A Skin Sens. 1A H317 ◊ 3.2/2 Skin Irrit. 2 H315 Acute Toxicity Estimate: ATE - Oral 1098 mg/kg bw ATE - Dermal 1100 mg/kg bw
< 0.0005%	maleic anhydride	Index number: CAS: EC:	607-096-00-9 108-31-6 203-571-6	◊ 3.1/4/Oral Acute Tox. 4 H302 ◊ 3.9/1 STOT RE 1 H372 (Respiratory system) (Inhalation) ◊ 3.2/1B Skin Corr. 1B H314 ◊ 3.3/1 Eye Dam. 1 H318 ◊ 3.4.1/1 Resp. Sens. 1 H334 ◊ 3.4.2/1A Skin Sens. 1A H317 EUH071 Specific Concentration Limits: C >= 0,001%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral 1090 mg/kg bw

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

SECTION 4: First aid measures

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

SOCOSTRIP A0103N

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

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

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.

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 (CO₂).

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.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

See protective measures under point 7 and 8.

6.2. Environmental precautions

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

Retain contaminated washing water and dispose it.

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

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

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

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, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Occupational exposure limit values

benzyl alcohol - CAS: 100-51-6

- OEL Type: National - TWA(8h): 22 mg/m³, 5 ppm - Notes: Germany - DFG, H, Y,11 (Skin)

- OEL Type: National - TWA: 5 mg/m³ - Notes: Bulgaria

- OEL Type: National - TWA: 40 mg/m³ - Notes: Czech Republic

- OEL Type: National - TWA: 45 mg/m³, 10 ppm - Notes: Finland

- OEL Type: National - TWA: 5 mg/m³ - Notes: Latvia

- OEL Type: National - TWA: 5 mg/m³ - Notes: Lithuania (skin)

- OEL Type: National - TWA: 240 mg/m³ - Notes: Poland

- OEL Type: National - TWA: 22 mg/m³, 5 ppm - STEL: 44 mg/m³, 10 ppm - Notes: Slovenia (Potential for cutaneous absorption)

- OEL Type: National - TWA: 22 mg/m³, 5 ppm - Notes: Switzerland (Skin notation)

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

SOCOSTRIP A0103N

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/m³, 1 ppm - Notes: France
- OEL Type: National - TWA: 1.4 mg/m³, 1 ppm - Notes: Belgium
- OEL Type: National - TWA: 1.4 mg/m³, 1 ppm - STEL(5 min (Mow)): 2.8 mg/m³, 2 ppm
- Notes: Österreich
- OEL Type: National - TWA: 1.4 mg/m³, 1 ppm - Notes: Norway

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

- OEL Type: National - TWA: 1000 mg/m³ - STEL: 1500 mg/m³ - Behaviour: Indicative - Notes: France
- OEL Type: National - TWA: 1200 mg/m³, 184 ppm - Notes: ExxonMobil
- OEL Type: EU - TWA: 1050 mg/m³ - Notes: EU HSPA
- OEL Type: National - TWA: 25 ppm - Notes: Denmark
- OEL Type: National - TWA: 300 mg/m³, 50 ppm - Notes: Germany
- OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland
- OEL Type: National - TWA: 150 mg/m³, 25 ppm - STEL: 300 mg/m³, 50 ppm - Notes: Sweden
- OEL Type: National - TWA: 300 mg/m³, 50 ppm - STEL: 600 mg/m³, 100 ppm - Notes: Switzerland
- OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland (NDS, NDSch)

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

- OEL Type: National - TWA: 10 mg/m³ - Notes: Belgique ; poussière inhalable
- OEL Type: National - TWA: 3 mg/m³ - Notes: Belgique ; poussières alvéolaires
- OEL Type: National - TWA: 10 mg/m³ - Notes: France ; poussière inhalable
- OEL Type: National - TWA: 3 mg/m³ - Notes: France ; poussières alvéolaires

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

- OEL Type: National - TWA(8h): 67.5 mg/m³ - Notes: Germany
- OEL Type: National - TWA(8h): 67.5 mg/m³, 10 ppm - STEL: 101.2 mg/m³, 15 ppm - Notes: France VLEI
- OEL Type: National - TWA(8h): 67.5 mg/m³, 10 ppm - STEL: 101.2 mg/m³, 15 ppm - Notes: UK
- OEL Type: EU - TWA(8h): 67.5 mg/m³, 10 ppm - STEL: 101.2 mg/m³, 15 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff
- OEL Type: National - TWA(8h): 50 mg/m³, 9 ppm - STEL: 100 mg/m³, 18 ppm - Notes: Netherlands
- OEL Type: National - TWA: 67.5 mg/m³, 10 ppm - STEL: 101.2 mg/m³, 15 ppm - Notes: Belgium
- OEL Type: National - TWA: 67.5 mg/m³, 10 ppm - STEL(15min (Miw)): 101.2 mg/m³, 15 ppm - Notes: Österreich
- OEL Type: National - TWA: 68 mg/m³, 10 ppm - Notes: Norway

maleic anhydride - CAS: 108-31-6

- OEL Type: ACGIH - TWA(8h): 0.01 mg/m³ - Notes: (IFV), DSEN, RSEN, A4 - Resp sens
- OEL Type: National - STEL: 1 mg/m³ - Notes: France - VLCT (VLE) INRS

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

SOCOSTRIP A0103N

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/m³ - 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/m³ - Consumer: 5.4 mg/m³ - 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/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Professional: 3 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

TRISODIUM ORTHOPHOSPHATE - CAS: 10101-89-0

Worker Industry: 17.87 mg/m³ - Consumer: 7.66 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

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

2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL - CAS: 95-38-5

Worker Industry: 0.46 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 14 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 0.06 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 2 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Worker Industry: 101 mg/m³ - Consumer: 7.5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 20 mg/kg b.w./day - Consumer: 10 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 10 ppm - Consumer: 5 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 10 ppm - Consumer: 5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 1.25 - 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 - Consumer: 1.0 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

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

SOCOSTRIP A0103N

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/m³ - Consumer: 0.06 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 3 mg/m³ - Consumer: 1.2 mg/m³ - 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

2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL - CAS: 95-38-5

Target: Fresh Water - Value: 0.00003 mg/l

Target: Marine water - Value: 0.000003 mg/l

Target: Freshwater sediments - Value: 0.376 mg/kg

Target: Marine water sediments - Value: 0.0376 mg/kg

Target: Soil (agricultural) - Value: 0.075 mg/kg

Target: Microorganisms in sewage treatments - Value: 0.075 mg/l

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Target: Fresh Water - Value: 1 mg/l

Target: Marine water - Value: 0.1 mg/l

Target: Freshwater sediments - Value: 4 mg/l

Target: Marine water sediments - Value: 0.4 mg/l

Target: Soil - Value: 0.32 mg/l

Target: Sewage treatment plant - Value: 200 mg/l

Target: Oral (secondary poisoning) (foodstuff) - Value: 56 mg/kg

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

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

SOCOSTRIP A0103N

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

Biological Exposure Index
 N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

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

Protection for skin:

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

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

Respiratory protection:

ABEK-P3 mask

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Sky blue	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	100 °C	--	water base
Flammability:	N.A.	--	--
Lower and upper explosion limit:	0.6-28%	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

Flash point (°C):	85 °C	ISO 2592	--
Auto-ignition temperature:	>210 °C	--	--
Decomposition temperature:	>114 °C	--	--
pH:	7	ISO 4316, ASTM E70	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.03	ISO 649, ASTM D1298	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	32000 CPS	NF EN ISO 2555 (LV4 6.0 tr/mn)	--

Volatile Organic compounds - VOCs = 58.8 %

Volatile Organic compounds - VOCs = 606 g/l

N.A. = not available

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

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N**10.4. Conditions to avoid**

Avoid contamination of the product.

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

10.5. Incompatible materials

Strong oxidizers.

Acids.

Reducing agents.

Alkalis.

Bases.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product:

SOCOSTRIP A0103N

Acute toxicity

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

ATEmix - Oral 1987,43 mg/kg bw

ATEmix - Inhalation (Mist) 2,34842 mg/l

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

Respiratory or skin sensitisation

The product is classified: Skin Sens. 1A H317

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:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

benzyl alcohol - CAS: 100-51-6

Acute toxicity

ATE - Oral 1620 mg/kg bw

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

Test: LC50 - Route: Inhalation (dust, mist) - Species: Rat > 4.178 mg/l - Duration: 4h -

Source: OECD 403

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

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/m³ - Duration: 28 days - Source: OECD 412

Test: NOAEL (fertility) - Route: Inhalation - Species: Rat (Male, female) = 1072 mg/m³ - Duration: 28 days - Source: OECD 412

STOT-repeated exposure:

Test: NOAEC - Route: Inhalation (aerosol) - Species: Rat (Male, female) = 1072 mg/m³ - 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/m³ - Duration: 28 days - Source: OECD 412

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

Acute toxicity

ATE - Oral 431 mg/kg bw

ATE - Dermal 6440 mg/kg bw

ATE - Inhalation (Vapours) 0,17 mg/l

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

Test: LD50 - Route: Inhalation Dust - Species: Rat = 1.5 mg/kg - Duration: 4h - Notes:

H2O2 35%

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 0.17 mg/kg - Duration: 4h - Notes:

H2O2 50%

Test: LD50 - Route: Skin - Species: Rabbit > 2.000 mg/kg - Notes: H2O2 35%

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

Acute toxicity:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

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/m³ - 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 croisées : substances similaires

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

2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL - CAS: 95-38-5

Acute toxicity:

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

Test: LD50 - Route: Oral - Species: Rat > 800 mg/kg

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 2410 mg/kg bw

Test: LD50 - Route: Skin - Species: Rabbit = 2764 mg/kg bw

Route: Inhalation - Species: Rat > 29 ppm - Duration: 2h - Notes: IRT (inhalation risk test)

Reproductive toxicity:

Test: NOAEL - Species: Mouse = 720 mg/kg bw/day - Notes: 14 weeks

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

Acute toxicity

ATE - Oral 1098 mg/kg bw

ATE - Dermal 1100 mg/kg bw

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

maleic anhydride - CAS: 108-31-6

Acute toxicity

ATE - Oral 1090 mg/kg bw

benzyl alcohol - CAS: 100-51-6

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

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration \geq 0.1%

Other toxicological information:

benzyl alcohol

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

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)

-

hydrogen peroxide solution ...%

Skin corrosion / irritation:

Causes skin irritation.

Eye damage / eye irritation:

Severe eye damage

Specific target organ systemic toxicity - single exposure:

Inhalation - May irritate respiratory tracts.

-

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

Eye contact:

May cause mild and transient eye discomfort.

-

Dihydro-3-(octenyl)furan-2,5-dione

Skin corrosion / irritation (rabbit):

Rabbit, Result: Irritant, OECD Guideline 404

Severe eye damage/irritation:

Eyes - Highly irritant (rabbit)

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

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

SOCOSTRIP A0103N

The product is classified: 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;

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

SOCOSTRIP A0103N

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

a) Aquatic acute toxicity:

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

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

SOCOSTRIP A0103N

OECD 202

2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL - CAS: 95-38-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.3 mg/l - Duration h: 96 - Notes: Brachydanio rerio

Endpoint: EC50 - Species: Daphnia = 0.136 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 0.2989 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 26 mg/l - Duration h: 3 - Notes: Boue activée

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: EC50 - Species: Daphnia = 4950 mg/l - Duration h: 48

Endpoint: LC50 - Species: Daphnia = 13415 mg/l - Duration h: 96 - Notes: Americamysis bahia

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 96 - Notes: Desmodesmus subspicatus

Endpoint: EC10 - Species: Microorganisms > 1995 mg/l - Duration h: 0.5

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 100 mg/l

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

12.2. 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

2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL)ETHANOL - CAS: 95-38-5

Biodegradability: Non-readily biodegradable - %: < 60

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Biodegradability: Photodegradation (in air) - Test: DT50 - Duration: 3-4 hours - Notes: 1.5x10⁶

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

SOCOSTRIP A0103N

/cm³, AOPWIN

Biodegradability: Biodegradation in water - Test: MITI modif(I) - Duration: 28 days - %: >80 -
Notes: OECD 301C

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

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 19 days - %: 79.9

12.3. 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.

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Log Pow 1 - Notes: 20°C

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

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

12.4. Mobility in soil

benzyl alcohol - CAS: 100-51-6

Log Koc 15.7

Volatility (H: Henry's Law Constant) 0.0879 Pa.m³/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.

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Volatility (H: Henry's Law Constant) 0 atm m³/mol - Notes: 25°C

Surface tension 0.0069 N/m - Notes: 20°C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. 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):

16 09 03* peroxides, for example hydrogen peroxide

SECTION 14: Transport information

14.1. UN number or ID number

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

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N**14.2. UN proper shipping name**

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

N.A.

14.7. Maritime transport in bulk according to IMO instruments

N.A.

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

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

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

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

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

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

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

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

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

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

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

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

Regulation (EU) n. 2022/692 (ATP 18 CLP)

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

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

Restriction 40

Restriction 55

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

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)

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

N.A.

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

N.A.

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

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.

H271 May cause fire or explosion; strong oxidiser.

H318 Causes serious eye damage.

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

SOCOSTRIP A0103N

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H272 May intensify fire; oxidiser.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

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

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H312 Harmful in contact with skin.

H372 (Respiratory system) (Inhalation) Causes damage to organs (Respiratory system) through prolonged or repeated exposure if inhaled.

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

EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Ox. Liq. 1	2.13/1	Oxidising liquid, Category 1
Ox. Liq. 2	2.13/2	Oxidising liquid, Category 2
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1A	3.2/1A	Skin corrosion, Category 1A
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Resp. Sens. 1	3.4.1/1	Respiratory Sensitisation, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 1	3.9/1	Specific target organ toxicity - repeated exposure, Category 1
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
 Paragraphs modified from the previous revision:

- SECTION 2: Hazards identification
- SECTION 3: Composition/information on ingredients
- SECTION 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 15: Regulatory information
- SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Acute Tox. 4, H302	Calculation method
Acute Tox. 4, H332	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1A, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.
 Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N**

Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

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

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

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

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
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.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSTRIP A0103N

LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.