

Regulation (EU) n. 2020/878

#### Safety Data Sheet date: 14/2/2023, version 11

Trade name:	SOCOSTRETCH 10
SDS code:	P10653
UFI:	4JFQ-UP4Q-AY0P-P25T
••••	d uses of the substance or mixture and uses advised against
Recommended use:	
Lubricant	
Industrial uses	
-	plier of the safety data sheet
Manufacturers:	
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#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### EC regulation criteria 1272/2008 (CLP)

 Danger, Eye Dam. 1, Causes serious eye damage. Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.
 Adverse physicochemical, human health and environmental effects: No other hazards
 2.2. Label elements

### Hazard pictograms:



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## Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH)) SOCOSTRETCH 10

Danger Hazard statements: H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects. Precautionary statements: P273 Avoid release to the environment. P280 Wear protective gloves and eye/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER. P501 Dispose of contents/container in accordance with applicable regulations. **Special Provisions:** EUH208 Contains 2-METHYL-2H-ISOTHIAZOLE-3-ONE. May produce an allergic reaction. Contains AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) ALCOHOLS, C9-11, ETHOXYLATED

Special provisions according to Annex XVII of REACH and subsequent amendments: Restricted to professional users.

#### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$ Other Hazards:

No other hazards

#### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

N.A.

#### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Numb	er	Classification
>= 3% - < 5%	AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS (HYDROXYETHYL)	CAS: EC: REACH No.:	68155-07-7 931-329-6 01- 2119490100 -53	<ul> <li> <sup>(</sup>€) 3.2/2 Skin Irrit. 2 H315 <sup>(</sup>€) 4.1/C2 Aquatic Chronic 2 H411 <sup>(</sup>€) 3.3/1 Eye Dam. 1 H318         </li> </ul>
>= 3% - < 5%	Fatty acids, tall-oil, coumpounds with triethanolamine	Index number: CAS: EC: REACH No.:	619_999_97 _4 68132-46-7 268-638-4 Exempted	<ul> <li> <sup>(</sup>€) 3.2/2 Skin Irrit. 2 H315      </li> <li> <sup>(</sup>∑) 3.3/2 Eye Irrit. 2 H319         </li> </ul>



				<u>^</u>
>= 1% - < 3%	ALCOHOLS, C9-11, ETHOXYLATED	CAS: EC: REACH No.:	68439-46-3 614-482-0 Exempted	<ul> <li><sup>(1)</sup> 3.1/4/Oral Acute Tox. 4 H302</li> <li><sup>(2)</sup> 3.3/1 Eye Dam. 1 H318</li> <li>Acute Toxicity Estimate:</li> <li>ATE - Oral 1378 mg/kg bw</li> </ul>
>= 0.1% - < 0.25%	2,2'-iminodiethanol; diethanolamine	Index number: CAS: EC: REACH No.:	603-071-00-1 111-42-2 203-868-0 01- 2119488930 -28	<ul> <li>3.7/2 Repr. 2 H361</li> <li>3.9/2 STOT RE 2 H373 (blood system, kidneys, liver)</li> <li>3.2/2 Skin Irrit. 2 H315</li> <li>3.3/1 Eye Dam. 1 H318</li> <li>3.1/4/Oral Acute Tox. 4 H302</li> </ul>
>= 0.001% - < 0.1%	,2-METHYL-2H- ISOTHIAZOLE-3-ONE	CAS: EC: REACH No.:	2682-20-4 220-239-6 01- 2120764690 -50	<ul> <li>3.1/2/Inhal Acute Tox. 2 H330</li> <li>3.1/3/Dermal Acute Tox. 3 H311</li> <li>3.1/3/Oral Acute Tox. 3 H301</li> <li>3.2/1B Skin Corr. 1B H314</li> <li>3.3/1 Eye Dam. 1 H318</li> <li>3.4.2/1A Skin Sens. 1A H317</li> <li>4.1/C1 Aquatic Chronic 1 H410</li> <li>4.1/A1 Aquatic Acute 1 H400 M=10.</li> <li>EUH071</li> <li>Specific Concentration Limits: C &gt;= 0,0015%: Skin Sens. 1A H317</li> </ul>

#### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

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

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

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 opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed None



#### 4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

#### **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.

Remove persons to safety.

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.

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:

Contamined 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

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

- OEL Type: ACGIH TWA(8h): 1 mg/m3 Notes: (IFV), Skin, A3 Liver and kidney dam
- OEL Type: National TWA: 15 mg/m3, 3 ppm Notes: France
- OEL Type: National TWA(8h): 2 mg/m3, 0.46 ppm Notes: Netherlands
- OEL Type: National TWA(8h): 2 mg/m3, 0.46 ppm Notes: Belgium
- OEL Type: National TWA: 0.2 ppm Notes: DOW IHG, skin

#### DNEL Exposure Limit Values

AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7

Worker Industry: 4.16 mg/kg b.w./day - Consumer: 2.5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 0.0936 mg/cm2 - Consumer: 0.056 mg/cm2 - Exposure: Human Dermal - Frequency: Long Term, local effects

Worker Industry: 73.4 mg/m3 - Consumer: 21.73 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 6.25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

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

Worker Industry: 0.13 mg/kg b.w./day - Consumer: 0.06 mg/kg b.w./day - Exposure:

Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 1 mg/m3 - Consumer: 0.125 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects

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

#### PNEC Exposure Limit Values

AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7

Target: Fresh Water - Value: 0.007 mg/l

Target: Marine water - Value: 0.001 mg/l

Target: Microorganisms in sewage treatments - Value: 830 mg/l

Target: Freshwater sediments - Value: 0.195 mg/kg dwt

Target: Marine water sediments - Value: 0.019 mg/kg dwt

Target: Marine water sediments - Value: 0.035 mg/kg dwt

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



Target: Fresh Water - Value: 0.0022 mg/l Target: Marine water - Value: 0.00022 mg/l Target: Freshwater sediments - Value: 0.019 mg/kg dw Target: Marine water sediments - Value: 0.0019 mg/kg dw Target: Soil (agricultural) - Value: 0.00108 mg/kg Target: Microorganisms in sewage treatments - Value: 100 mg/l Target: Sporadic discharge - Value: 0.022 mg/l

#### **Biological Exposure Index**

N.A.

#### 8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Use close 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:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection: Not needed for normal use.

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:	Whitish		
Odour:	N.A.		
Melting point/freezing point:	Not Relevant		
Boiling point or initial boiling point and boiling range:	100°C		water
Flammability:	N.A.		
Lower and upper explosion limit:	N.A.		
Flash point (°C):	N.A.		

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Auto-ignition temperature:	Not Relevant		
Decomposition temperature:	>305°C		
pH:	9		
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:	0.9		
Relative vapour density:	N.A.		
Particle characteristics:			
Particle size:	N.A.		

#### 9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	140000 CPS		

Volatile Organic compounds - VOCs = 0 g/l

#### **SECTION 10: Stability and reactivity**

10.1. Reactivity

Stable under normal conditions

- **10.2. Chemical stability** Stable under normal conditions
- 10.3. Possibility of hazardous reactions
- None
- 10.4. Conditions to avoid

Stable under normal conditions.

- 10.5. Incompatible materials
  - None in particular.
- **10.6. Hazardous decomposition products** None.



#### **SECTION 11: Toxicological information**

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Toxicological information of the product: N.A. Toxicological information of the main substances found in the product: AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7 Acute toxicity: Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD 401 Test: LD50 - Route: Oral - Species: Rat (Male, female) > 5000 mg/kg - Source: OECD 401 Test: LD50 - Route: Oral - Species: Rat = 12400 ul/kg Reproductive toxicity: Route: Oral - Species: Rat = 1000 mg/kg ALCOHOLS, C9-11, ETHOXYLATED - CAS: 68439-46-3 Acute toxicity: Test: LD50 - Route: Oral - Species: Rat = 1378 mg/kg ATE - Oral 1378 mg/kg bw Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg ATE - Oral 1378 mg/kg bw 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2 Reproductive toxicity: Species: Rat = 300 ppm - Source: OECD 443 Species: Rat = 100 ppm - Source: OECD 443

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

Acute toxicity; Skin corrosion/irritation; Serious eye damage/irritation; Respiratory or skin sensitisation; Germ cell mutagenicity; Carcinogenicity; Reproductive toxicity; STOT-single exposure; STOT-repeated exposure; Aspiration hazard.

#### 11.2. Information on other hazards

Endocrine disrupting properties: No endocrine disruptor substances present in concentration >= 0.1%

Other toxicological information:

AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL)



Irritation and corrosion: Eyes - Highly irritant (rabbit) Skin - Moderate irritant (rabbit) Skin contact: Causes skin irritation. Pain or irritation, redness Possible blisters Eye contact: Causes eye burns, risk of serious eye damage. Pain or irritation, tearing, redness

ALCOHOLS, C9-11, ETHOXYLATED Inhalation - May irritate respiratory tracts. Skin corrosion / irritation: Slight irritating effect Severe eye damage/irritation: Highly irritating

2,2'-iminodiethanol; diethanolamine Skin corrosion / irritation (rabbit): Irritating effect Severe eye injury/irritation (rabbit): Irreversible damage May cause liver damage in case of prolonged or repeated exposures.

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

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.4 mg/l - Duration h: 96 - Notes: OECD 203 Endpoint: NOEC - Species: Fish = 0.32 mg/l - Duration h: 672 - Notes: OECD 204 Endpoint: LC50 - Species: Fish = 6.7 mg/l - Duration h: 96



ALCOHOLS, C9-11, ETHOXYLATED - CAS: 68439-46-3 a) Aquatic acute toxicity: Endpoint: LC50 - Species: Fish = 11.5 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss Endpoint: EC50 - Species: Algae = 10 mg/l - Duration h: 72 - Notes: Skeletonema costatum Endpoint: EC50 - Species: Daphnia = 10 mg/l - Duration h: 48 - Notes: Daphnia magna b) Aquatic chronic toxicity: Endpoint: LC0 - Species: Fish = 5.5 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2 a) Aquatic acute toxicity: Endpoint: LC50 - Species: Fish = 100 mg/l - Duration h: 96 - Notes: Pimephales promelas b) Aquatic chronic toxicity: Endpoint: NOEC - Species: Daphnia < 24000 µg/L - Notes: Daphnia magna, fresh water 2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4 a) Aquatic acute toxicity: Endpoint: EC50 - Species: activated sludge = 34.6 mg/l - Duration h: 3 - Notes: (DIN 38412-3 -TTC test) - S2791 Endpoint: EC20 - Species: activated sludge = 2.8 mg/l - Duration h: 3 - Notes: (DIN 38412-3 -TTC test) - S2791 12.2. Persistence and degradability AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7 Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: 92.5% ALCOHOLS, C9-11, ETHOXYLATED - CAS: 68439-46-3 Biodegradability: Readily biodegradable - Test: UE - Duration: 28 days - %: 70.1% 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2 Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 93 2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4 Biodegradability: Readily biodegradable - Test: OECD 307 - %: < 0.08 d - Notes: S1110 Biodegradability: Readily biodegradable - Test: OECD 308 - %: 1.28-2.1 d - Notes: S842 Biodegradability: Readily biodegradable - Test: OECD 309 - %: 4.1 d - Notes: S646 12.3. Bioaccumulative potential AMIDES, C8-18 (EVEN NUMBERED)AND C18-UNSATD., N, N-BIS (HYDROXYETHYL) - CAS: 68155-07-7 Log Pow 3.75 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2 Log Pow -1.43 2-METHYL-2H-ISOTHIAZOLE-3-ONE - CAS: 2682-20-4 Log Kow - Test: OECD 117 <= 0.32 - Notes: (n-octanol/water) S325 (HPLC) Method) BCF 3.16 - Notes: (calculated) literature 12.4. Mobility in soil N.A. 12.5. Results of PBT and vPvB assessment vPvB Substances: None - PBT Substances: None 12.6. Endocrine disrupting properties No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects



No harmful effects expected.

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

07 06 04\* other organic solvents, washing liquids and mother liquors

#### **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.

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-Enviromental 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)

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 28 Restriction 75

Listed or in compliance with the following international inventories: N.A.

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.

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:H315 Causes skin irritation.H411 Toxic to aquatic life with long lasting effects.

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- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H302 Harmful if swallowed.
- H361 Suspected of damaging fertility or the unborn child.
- H373 (blood system, kidneys, liver) May cause damage to organs (blood system, kidneys, liver) through prolonged or repeated exposure.
- H330 Fatal if inhaled.
- H311 Toxic in contact with skin.
- H301 Toxic if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H410 Very toxic to aquatic life with long lasting effects.
- H400 Very toxic to aquatic life.
- EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
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. 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
Eye Dam. 1, H318	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, 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.
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.