

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 9/11/2023, version 14**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOCLEAN A 3433
SDS code: P43433
UFI: NSM7-G5R9-J14Y-3Q5H

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

Recommended use:

Cleaner
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

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

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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, Skin Irrit. 2, Causes skin irritation.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.
- ⚠ Warning, Skin Sens. 1A, May cause an allergic skin reaction.
- ⚠ Danger, Repr. 1B, May damage fertility. May damage the unborn child.
- ⚠ Warning, STOT RE 2, May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled.

Adverse physicochemical, human health and environmental effects:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433**

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H360FD May damage fertility. May damage the unborn child.

H373 (lungs) (Inhalation) May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing vapours.

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER if you feel unwell.

Special Provisions:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Contains

ORTHOBORIC ACID, COMPOUND WITH 2,2'-IMINODIETHANOL

2-METHYL-2H-ISOTHIAZOLE-3-ONE

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED

Octanoic acid

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 \geq 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:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433

stta	Name	Ident. Number	Classification
>= 15% - < 20%	ORTHOBORIC ACID, COMPOUND WITH 2, 2'-IMINODIETHANOL	CAS: 67952-33-4 EC: 267-886-0	<ul style="list-style-type: none"> ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.7/1B Repr. 1B H360FD ⚠ 3.9/2 STOT RE 2 H373 (lungs) (Inhalation)
>= 3% - < 5%	ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED	CAS: 68154-97-2 EC: 935-890-8 REACH No.: exempted---- ----	<ul style="list-style-type: none"> ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/1 Eye Dam. 1 H318 Acute Toxicity Estimate: ATE - Oral 950 mg/kg bw
>= 1% - < 3%	Octanoic acid	CAS: 124-07-2 EC: 204-677-5 REACH No.: 01- 2119552491 -41	<ul style="list-style-type: none"> ⚠ 3.2/1C Skin Corr. 1C H314 4.1/C3 Aquatic Chronic 3 H412
>= 0.001% - < 0.1%	1,2-benzisothiazol- 3(2H)-one; 1,2- benzisothiazolin-3-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 REACH No.: 01- 2120761540 -60	<ul style="list-style-type: none"> ⚠ 3.1/2/Inhal Acute Tox. 2 H330 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 3.1/4/Oral Acute Tox. 4 H302 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317
>= 0.001% - < 0.1%	2-METHYL-2H- ISOTHIAZOLE-3-ONE	CAS: 2682-20-4 EC: 220-239-6 REACH No.: 01- 2120764690 -50	<ul style="list-style-type: none"> ⚠ 3.1/2/Inhal Acute Tox. 2 H330 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.4.2/1A Skin Sens. 1A H317 ⚠ 4.1/C1 Aquatic Chronic 1 H410 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=10. EUH071 Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1A H317

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

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

SOCOCLEAN A 3433

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.

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.

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.

See protective measures under point 7 and 8.

6.2. Environmental precautions

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

SOCOCLEAN A 3433

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.

Exercise the greatest care when handling or opening the container.

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

No occupational exposure limit available

DNEL Exposure Limit Values

Octanoic acid - CAS: 124-07-2

Worker Industry: 10 mg/kg b.w./day - Exposure: Human Dermal

Worker Industry: 17.632 mg/m³ - Exposure: Human Inhalation

PNEC Exposure Limit Values

Octanoic acid - CAS: 124-07-2

Target: Fresh Water - Value: 0.02 mg/l

Target: Marine water - Value: 0.002 mg/l

Target: Water (intermittent discharge) - Value: 0.22 mg/l

Target: Freshwater sediments - Value: 0.295 mg/kg dw

Target: Marine water sediments - Value: 0.029 mg/kg dw

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

SOCOCLEAN A 3433

Target: Sewage treatment plant - Value: 912.0 mg/l

Target: Soil (agricultural) - Value: 0.047 mg/kg dw

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

NR (natural rubber, natural latex).

NBR (nitrile rubber).

PVC (polyvinyl chloride).

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

In case of Aerosol or mist formation, use respiratory protection such as P2 (filters at least 94 % of airborne particles; colour code: White).

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:	Colourless	--	--
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	N.A.	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433

explosion limit:			
Flash point (°C):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	7.7	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:	1.07	ISO 649, ASTM D1298	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

Volatile Organic compounds - VOCs = 0 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

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433**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:

SOCOCLEAN A 3433

Acute toxicity:

ATEmix - Oral 2669,85 mg/kg bw

Toxicological information of the main substances found in the product:

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat (Male, female) = 950 mg/kg

ATE - Oral 950 mg/kg bw

Test: ATE - Route: Oral = 950 mg/kg

ATE - Oral 950 mg/kg bw

Octanoic acid - CAS: 124-07-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2000 mg/kg bw - Source: OECD 401

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

Reproductive toxicity:

Test: NOAEL - Route: Oral = 1000 mg/kg

STOT-repeated exposure:

Test: NOAEL - Route: Oral = 1000 mg/kg

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 $\geq 0.1\%$

Other toxicological information:

ORTHOBORIC ACID, COMPOUND WITH 2,2'-IMINODIETHANOL

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

SOCOCLEAN A 3433

Irritant, route: OPT, dangerous: calculated

-

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED

Eye contact:

Severe eye irritation.

-

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

Skin irritation:

Slight irritating effect

Eye irritation:

Severe eye damage

Sensitization:

Possible by skin contact

-

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.

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 12 mg/l - Duration h: 48 - Notes: Daphnia magna ; OECD 202

Endpoint: EC10 - Species: Algae > 1-10 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus ; OECD 201

Endpoint: EC10 - Species: Algae <= 10 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus ; OECD 201

Endpoint: EC50 - Species: Algae > 10-100 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus ; OECD 201

Endpoint: EC50 - Species: Algae <= 100 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus ; OECD 201

Endpoint: LC50 - Species: Fish = 1-10 mg/l - Duration h: 96 - Notes: Cyprins dorés

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 10000 mg/l - Duration h: 17 - Notes: Pseudomonas putida ; ISO 10712

Octanoic acid - CAS: 124-07-2

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

SOCOCLEAN A 3433

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 22 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 20 mg/l - Duration h: 48

Endpoint: NOEC - Species: Daphnia = 0.2 mg/l - Duration h: 504

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: activated sludge = 13 mg/l - Duration h: 3 - Notes: OECD 209 - S2747

Endpoint: EC20 - Species: activated sludge = 3.3 mg/l - Duration h: 3 - Notes: OECD 209 - S2747

f) Effects in sewage plants:

approx. 90 % - Notes: OECD 302 B Zahn-Wellens Test - S3509

= 80 % - Notes: OECD 303 A: Activated Sludge Units - S978

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

ALCOHOLS, C10-12 ETHOXYLATED PROPOXYLATED - CAS: 68154-97-2

Biodegradability: Readily biodegradable - Duration: 28 days - %: > 60 - Notes: aerobic

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: 75

Biodegradability: Chemical Oxygen Demand (COD) - Notes: 2.188 mg/g

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Biodegradability: Readily biodegradable - Test: OECD 307 - %: 0.04 d - Notes: S 5025

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

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Log Kow - Test: OECD 117 0.7 - Notes: (n-octanol/water) S324

BCF - Test: OECD 305 6.95 - Notes: (fish) S2243

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

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433**

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 01 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-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)

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433**

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 75

Listed or in compliance with the following international inventories:

AICS - Australian Inventory of Chemical Substances

Canada (DSL): All the substances of this product are listed on the DSL list.

IECSC - Inventory of Existing Chemical Substances Produced or Imported in China

KECI - Korean Existing Chemical Inventory

NZIoC - New Zealand Inventory of Chemicals

TCSI - Taiwan Chemical Substance Inventory

TSCA - Toxic Substances Control Act

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

SOCOCLEAN A 3433

non-ionic surface active agents < 5%

Preservatives: yes

METHYLISOTHIAZOLINONE

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

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

SOCOCLEAN A 3433

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H360FD May damage fertility. May damage the unborn child.

H373 (lungs) (Inhalation) May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

H330 Fatal if inhaled.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

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 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
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Repr. 1B	3.7/1B	Reproductive toxicity, Category 1B
STOT RE 2	3.9/2	Specific target organ toxicity - repeated

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433

		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
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1A, H317	Calculation method
Repr. 1B, H360FD	Calculation method
STOT RE 2, H373 (lungs) (Inhalation)	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

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

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

The information contained herein is based on our state of knowledge at the above-specified date. It

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN A 3433

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.