

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOCLEAN T3029**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 11/4/2024, version 6**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOCLEAN T3029
SDS code: P43029
UFI: XJR4-E0TK-T045-UVR0

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

Recommended use:

Cleaner
Industrial uses

1.3. Details of the supplier of the safety data sheet**Manufacturers:**

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

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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, Met. Corr. 1, May be corrosive to metals.
- ⚠ Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

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Danger

Hazard statements:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements:

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

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor/... if you feel unwell.

P390 Absorb spillage to prevent material damage.

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

Special Provisions:

None

Contains

sodium hydroxide; caustic soda

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS

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:

Qty	Name	Ident. Number	Classification
$\geq 15\%$ - $< 20\%$	sodium hydroxide; caustic soda	Index number: CAS: EC: REACH No.: 01- 2119457892 -27	 2.16/1 Met. Corr. 1 H290  3.3/1 Eye Dam. 1 H318  3.2/1A Skin Corr. 1A H314 Specific Concentration Limits: C $\geq 5\%$: Skin Corr. 1A H314 2% \leq C $< 5\%$: Skin Corr. 1B H314 0,5% \leq C $< 2\%$: Skin Irrit. 2 H315 0,5% \leq C $< 2\%$: Eye Irrit. 2 H319

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>= 1% - < 3%	2-(2-butoxyethoxy) ethanol; diethylene glycol monobutyl ether	Index number: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6 REACH No.: 01- 2119475104 -44	⚠ 3.3/2 Eye Irrit. 2 H319
>= 1% - < 3%	BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS	CAS: 68411-30-3 EC: 270-115-0	⚠ 3.1/4/Oral Acute Tox. 4 H302 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 Acute Toxicity Estimate: ATE - Oral 1080 mg/kg bw

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

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.

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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, 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

sodium hydroxide; caustic soda - CAS: 1310-73-2

- OEL Type: ACGIH - STEL: Ceiling 2 mg/m³ - Notes: URT, eye, and skin irr

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- OEL Type: National - TWA(8h): 2 mg/m³ - Behaviour: Indicative - Notes: France. INRS
- OEL Type: TWA - TWA: 2 mg/m³
- 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

DNEL Exposure Limit Values

sodium hydroxide; caustic soda - CAS: 1310-73-2

Worker Industry: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term (repeated)

mg/m³ - Consumer: 25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 25 mg/m³ - Exposure: Human Oral - Frequency: Long Term, local effects

Worker Industry: 1.5 mg/m³ - Consumer: 0.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 1.5 mg/m³ - Consumer: 0.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 3 mg/m³ - Consumer: 1.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 3 mg/m³ - Consumer: 1.2 mg/m³ - Exposure: Human Inhalation - 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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

Worker Industry: 85 mg/kg b.w./day - Consumer: 42.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

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Worker Industry: 6 mg/m³ - Consumer: 1.5 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects

Consumer: 0.425 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,
systemic effects

Worker Industry: 6 mg/m³ - Consumer: 1.5 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, local effects

PNEC Exposure Limit Values

sodium hydroxide; caustic soda - CAS: 1310-73-2

Target: Fresh Water - Value: 2.2 mg/l

Target: Marine water - Value: 0.22 mg/l

Target: Sporadic discharge - Value: 0.72 mg/kg

Target: Sewage treatment plant - Value: 43 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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

Target: Fresh Water - Value: 0.268 mg/l

Target: Freshwater sediments - Value: 8.1 mg/kg dwt

Target: Marine water - Value: 0.027 mg/l

Target: Marine water sediments - Value: 6.8 mg/kg dwt

Target: Sewage treatment plant - Value: 3.43 mg/l

Target: Soil - Value: 35 mg/kg dwt - Notes: PNECINTERMITTENT

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.

Boots (NF EN13832-3)

Protection for hands:

Suitable gloves type: NF EN374

NR (natural rubber, natural latex).

NBR (nitrile rubber).

PVC (polyvinyl chloride).

Respiratory protection:

Not needed for normal use.

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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:	Yellow	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	100 °C	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	13.5	--	--
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:	1.2	ISO 649, ASTM D1298	--

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Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

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.

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:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

ATEmix - Oral 96428,6 mg/kg bw

Skin corrosion/irritation

The product is classified: Skin Corr. 1A H314

Serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

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

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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:

sodium hydroxide; caustic soda - CAS: 1310-73-2

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit = 1350 mg/kg

Test: LD50 - Route: Oral - Species: Rat \geq 1000 mg/kg - Source: BASF

Test: LC50 - Route: Inhalation - Species: Rat $>$ 1 mg/l

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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

Acute toxicity

ATE - Oral 1080 mg/kg bw

Test: LD50 - Route: Oral - Species: Rat = 1080 mg/kg - Notes: OECD 401

Test: LD50 - Route: Skin - Species: Rat $>$ 2000 mg/kg - Notes: OECD 402

Skin corrosion/irritation:

Route: Skin - Species: Rabbit = 2.17 - Notes: OECD 404

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration \geq 0.1%

Other toxicological information:

sodium hydroxide; caustic soda

Eye contact:

Highly corrosive (rabbit)

Risk of serious eye damage

-

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS

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Inhalation: Irritation of nose, throat and lungs

Repeated or prolonged exposure to dust may cause chronic respiratory irritation.

Ingestion:

Harmful if swallowed. Irritating to mouth, Ingestion: throat and stomach.

Skin contact:

Irritation, redness

Eye contact:

Severe eye irritation. Risk of serious eye damage.

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

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

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

sodium hydroxide; caustic soda - CAS: 1310-73-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 33 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish < 189 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 40.4 mg/l - Duration h: 48 - Notes: Ceriodaphnia dubia

Endpoint: EC50 - Species: bacteria = 22 mg/l - Duration h: 0.25 - Notes: Photobacterium phosphoreum

Endpoint: LC50 - Species: Fish = 145 mg/l - Duration h: 24 - Notes: Poecilia reticulata

Endpoint: EC20 - Species: activated sludge > 500 mg/l - Duration h: 0.5 - Notes: OECD, 209

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish >= 36.9 mg/l - Duration h: 840 - Notes: Brachydanio rerio ; OECD, test n° 210

Endpoint: NOEC - Species: Aquatic invertebrates = 25 mg/l - Duration h: 504 - Notes: OECD, 211

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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.67 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: EC50 - Species: Daphnia = 2.9 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 0.23 mg/l - Duration h: 1278 - Notes: Onchorhynchus mykiss

12.2. Persistence and degradability

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

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/cm³, AOPWIN

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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

Biodegradability: Readily biodegradable - Test: CO2 production - Duration: 28 days - %: 85 -
 Notes: OECD 301B

12.3. Bioaccumulative potential

sodium hydroxide; caustic soda - CAS: 1310-73-2

Not bioaccumulative

BCF approx. 1.8 - Duration: 28 days - Notes: Lepomis macrochirus

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

Log Pow 1 - Notes: 20°C

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - CAS: 68411-30-3

Log Pow 3.32

12.4. Mobility in soil

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. 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):

06 02 05* other bases

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 3266

IATA-UN Number: 3266

IMDG-UN Number: 3266

14.2. UN proper shipping name

ADR-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash, 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether)

IATA-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash, 2-(2-butoxyethoxy)ethanol; diethylene

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glycol monobutyl ether)

IMDG-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash, 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether)

14.3. Transport hazard class(es)

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

14.4. Packing group

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

14.5. Environmental hazards

ADR-Environmental Pollutant: No
 IMDG-Marine pollutant: No
 IMDG-EmS: F-A , S-B

14.6. Special precautions for user

ADR-Subsidiary hazards: -
 ADR-S.P.: 274
 ADR-Transport category (Tunnel restriction code): 2 (E)
 IATA-Passenger Aircraft: 851
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 855
 IATA-S.P.: A3 A803
 IATA-ERG: 8L
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category B SW2
 IMDG-Segregation: SG35 SGG18
 Q.L.: 1L
 Q.E.: E2

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)

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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 55

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

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

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phosphonate < 5%

anionic surface active agents < 5%

non-ionic surface active agents < 5%

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)

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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:

H290 May be corrosive to metals.

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

H412 Harmful to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Met. Corr. 1	2.16/1	Substance or mixture corrosive to metals, Category 1
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1A	3.2/1A	Skin corrosion, Category 1A
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
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

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

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Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Met. Corr. 1, H290	On basis of test data
Skin Corr. 1A, H314	Calculation method
Eye Dam. 1, H318	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 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

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	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.