

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOPAC 50S****Safety Data Sheet dated 7/12/2020, version 12****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOPAC 50S
SDS code: P19190
UFI: D3PD-C9H7-NS19-1AU0

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

Recommended use:

Paint/Coating
Industrial uses

Uses advised against:

No uses advised against are identified.

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

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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
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, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

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Danger

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

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

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapours.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.

P331 Do NOT induce vomiting.

P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

Xylene

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS: May produce an allergic reaction.

Reaction products between 1H-Benzotriazole-1-methanamine,

N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine,

N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine,

N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1-

méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine: May produce an allergic reaction.

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

Restricted to professional users.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

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:

>= 40% - < 50% HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2%

AROMATICS

REACH No.: 01-2119463258-33, EC: 919-857-5

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 3.10/1 Asp. Tox. 1 H304

⚠ 3.8/3 STOT SE 3 H336

EUH066

>= 7% - < 10% HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

REACH No.: 01-2119458049-33, EC: 919-446-0

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- ⊠ 2.6/3 Flam. Liq. 3 H226
 - ⊠ 3.9/1 STOT RE 1 H372
 - ⊠ 3.10/1 Asp. Tox. 1 H304
 - ⚠ 3.8/3 STOT SE 3 H336
 - ⊠ 4.1/C2 Aquatic Chronic 2 H411
- EUH066
DECLP (CLP)*

>= 1% - < 3% Xylene

REACH No.: 01-2119488216-32, CAS: 1330-20-7, EC: 215-535-7

- ⊠ 2.6/3 Flam. Liq. 3 H226
- ⊠ 3.10/1 Asp. Tox. 1 H304
- ⚠ 3.1/4/Dermal Acute Tox. 4 H312
- ⚠ 3.1/4/Inhal Acute Tox. 4 H332
- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 3.8/3 STOT SE 3 H335
- ⊠ 3.9/2 STOT RE 2 H373
- 4.1/C3 Aquatic Chronic 3 H412

>= 1% - < 3% (2-Methoxymethylethoxy)-propanol

REACH No.: 01-2119450011-60, Index number: 603_998_97_1, CAS: 34590-94-8, EC: 252-104-2

Substance with a Union workplace exposure limit.

>= 0.5% - < 1% BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

REACH No.: 01-2119978241-36, EC: 939-603-7

- ⚠ 3.4.2/1B Skin Sens. 1B H317

>= 0.25% - < 0.3% Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

REACH No.: 01-2119982395-25, EC: 939-700-4

- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.4.2/1B Skin Sens. 1B H317
- ⊠ 4.1/A1 Aquatic Acute 1 H400
- ⊠ 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

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

- ⊠ 3.10/1 Asp. Tox. 1 H304
- EUH066

>= 0.1% - < 0.25% 2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT

REACH No.: 01-2119979088-21, CAS: 22464-99-9, EC: 245-018-1

- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⊠ 3.7/2 Repr. 2 H361d

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply. This note applies only to certain complex oil-derived substances in Part 3.

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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.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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:

In case of fire, use a CO2 fire extinguisher to extinguish.

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 all sources of ignition.

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

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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:
 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

Always keep in a well ventilated place.
 Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
 Keep away from food, drink and feed.
 Incompatible materials:
 None in particular.
 Instructions as regards storage premises:
 Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

- OEL Type: National - TWA: 1200 mg/m³, 197 ppm - Notes: ExxonMobil

Xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm -

Notes: France VLEC - TMP N° 4Bis, 84

- OEL Type: National - TWA(8h): 440 mg/m³, 100 ppm - Notes: Germany - DFG, H

- OEL Type: National - TWA(8h): 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm -

Notes: UK (WELs)

- OEL Type: EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes:

Skin

- OEL Type: ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

- OEL Type: National - TWA: 435 mg/m³, 100 ppm - STEL: 870 mg/m³, 200 ppm -

Notes: Swiss - SUVA

- OEL Type: National - TWA: 221 mg/m³, 50 ppm - STEL(15min (Miw)): 442 mg/m³, 100 ppm - Notes: Österreich

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

- OEL Type: National - TWA(8h): 310 mg/m³ - Notes: Germany - Notes DFG, EU

- OEL Type: National - TWA(8h): 308 mg/m³, 50 ppm - Notes: France VLEC - TMP N° 84

- OEL Type: EU - TWA(8h): 308 mg/m³, 50 ppm - Notes: Skin

- OEL Type: National - TWA: 270 mg/m³ - STEL: 550 mg/m³ - Notes: Czech Republic

- OEL Type: ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT

irr, CNS impair

- OEL Type: National - TWA(8h): 308 mg/m³, 50 ppm - Notes: UK - Skin

- OEL Type: National - TWA: 307 mg/m³, 50 ppm - STEL(5 min (Mow)): 614 mg/m³, 100 ppm - Notes: Österreich

Reaction products between 1H-Benzotriazole-1-methanamine,

N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine,

N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine,

N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1-

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- methylamine and N,N-Bis(2-ethylhexyl)-5-methyl-1H-benzotriazole-1-methylamine
 - OEL Type: TWA - TWA: 1 mg/m³ - Notes: Inhalable
- HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS
 - OEL Type: National - TWA: 1000 mg/m³ - STEL: 1500 mg/m³ - Notes: France
 - OEL Type: National - TWA: 1200 mg/m³, 184 ppm - Notes: ExxonMobil
 - OEL Type: EU - TWA: 1200 mg/m³ - Notes: EU HSPA
- 2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT - CAS: 22464-99-9
 - OEL Type: National - TWA(8h): 5 mg/m³ - STEL: 10 mg/m³ - Notes: WEL, UK

DNEL Exposure Limit Values

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS
 Worker Industry: 208 mg/kg b.w./day - Consumer: 125 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 871 mg/m³ - Consumer: 185 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 125 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)
 Worker Industry: 44 mg/kg b.w./day - Consumer: 26 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 330 mg/m³ - Consumer: 71 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 26 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Xylene - CAS: 1330-20-7

Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
 Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
 Worker Professional: 180 mg/kg b.w./day - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Worker Industry: 65 mg/kg b.w./day - Consumer: 15 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 310 mg/m³ - Consumer: 37.2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 1.67 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1-méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Worker Industry: 1.3 mg/m³ - Consumer: 0.3 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 0.4 mg/kg - Consumer: 0.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Consumer: 0.2 - Exposure: Human Oral - Frequency: Long Term, systemic effects
 Worker Industry: 1.3 mg/m³ - Consumer: 0.3 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 0.4 mg/kg - Consumer: 0.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Consumer: 0.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

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PNEC Exposure Limit Values

Xylene - CAS: 1330-20-7

Target: Marine water - Value: 0.327 mg/l - Notes:: evaluation factor : 1

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Soil (agricultural) - Value: 2.31 mg/kg

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: PNEC predator - Value: 2.31 mg/kg - Notes:: Assessment factor/ 1 / ECHA

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Target: Fresh Water - Value: 19 mg/l

Target: Marine water - Value: 1.9 mg/l

Target: Microorganisms in sewage treatments - Value: 4168 mg/l

Target: Freshwater sediments - Value: 70.2 mg/kg - Notes:: mg/kg p.s.

Target: Marine water sediments - Value: 7.02 mg/kg - Notes:: mg/kg p.s.

Target: Soil (agricultural) - Value: 2.74 mg/kg - Notes:: mg/kg p.s.

Target: Water (intermittent discharge) - Value: 190 mg/l

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1-méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Target: Fresh Water - Value: 0.000976 mg/l

Target: Marine water - Value: 0.000098 mg/l

Target: Microorganisms in sewage treatments - Value: 0.69 mg/l

Target: Freshwater sediments - Value: 0.0121 mg/kg - Notes:: 0,0121 - 4,23 mg/kg

Target: Marine water sediments - Value: 0.00121 mg/kg - Notes:: 0,00121 - 0,423 mg/kg

Target: Soil - Value: 0.00184 mg/kg - Notes:: 0,00184 - 0,842 mg/kg

Target: Sporadic discharge - Value: 0.00976 mg/l

Target: Sewage treatment plant - Value: 0.69 mg/l

Biological Exposure Index

Xylene - CAS: 1330-20-7

Value: 1.5 g/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: ACGIH BEL (2009)

Value: 1.500 mg/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: FR IBE (1997)

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

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).

PVA (Polyvinyl alcohol).

Respiratory protection:

Mask with filter "A1" , brown colour (NF EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	THIXOTROPIC BROWN RED LIQUID	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	155 °C	--	--
Flash point (°C):	41 °C	NF EN ISO 13736	--
Flash Point (°F):	105.8°F	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	liquid
Upper/lower flammability or explosive limits:	0.6-14%	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.9	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>201°C	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	200 CPS	NF EN ISO 2555	--
Explosive properties:	yes	--	May form explosive mixtures with air.
Oxidizing properties:	N.A.	--	--

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9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

Volatile Organic compounds - VOCs = 501 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

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Duration: 24 hours

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m³ - Duration: 8h

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

Acute toxicity:

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 13.1 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rat > 3400 mg/kg

Test: LD50 - Route: Oral - Species: Rat > 15000 mg/kg

Xylene - CAS: 1330-20-7

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 5000 ppm - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 12126 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 27124 mg/m³ - Duration: 4h

STOT-repeated exposure:

Test: C - Route: Oral > 50 MGKGBWDAY - Duration: 90 Jours

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5.000 mg/kg

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Test: LD50 - Route: Skin - Species: Rabbit = 9.510 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 3.350 mg/m³ - Notes: aerosol, 7h

Test: LC50 - Route: Inhalation - Species: Rat = 275 ppm - Notes: 7h

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Acute toxicity:

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

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

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1-méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2.000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2.000 mg/kg

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Acute toxicity:

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

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

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m³ - Duration: 4h

If not specified in other sections, the information required in Regulation (EU)2015/830 listed below must be considered as not relevant.:

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.

Other toxicological information:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Irritating to eyes and skin.

Repeated exposure may cause dryness or cracking of the skin.

Inhalation of vapours may cause drowsiness and dizziness.

Inhalation - May irritate respiratory tracts.

Inhalation of vapours may cause headaches, nausea, vomiting and impaired consciousness.

Ingestion:

Severe lung damage, irritation of the digestive tract, nausea, vomiting and diarrhea. Risk of central nervous system depression.

-

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

Specific target organ systemic toxicity - single exposure:

Category 3: narcotic effects

Aspiration hazard: category 1

-

Xylene

Skin contact:

Irritating effect

Ingestion:

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Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

-

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Skin sensitization:

May cause skin sensitization.

Respiratory irritation:

If the product is in the form of fog or vapours produced by heating: irritation of mucous membranes and upper respiratory tract.

-

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Eye contact:

May cause mild and transient eye discomfort.

SECTION 12: Ecological information

12.1. Toxicity

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

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: DSEO-R (NOELR) - Species: Algae = 3 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - biomass - OECD 201)

Endpoint: DSEO-R (NOELR) - Species: Algae = 100 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - growth rate - OECD 201)

b) Aquatic chronic toxicity:

Endpoint: DSEO-R (NOELR) - Species: Daphnia = 0.23 mg/l - Duration h: 504 - Notes: Daphnia magna - QSAR Petrotox

Endpoint: DSEO-R (NOELR) - Species: Fish = 0.13 mg/l - Duration h: 672 - Notes:

Oncorhynchus mykiss - QSAR Petrotox

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 4.6 mg/l - Duration h: 72

Endpoint: EC50 - Species: Algae < 10 mg/l - Duration h: 72

Endpoint: EC50 - Species: Daphnia > 10 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia < 22 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish < 30 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 0.22 mg/l - Duration h: 72

Xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

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

Endpoint: LC50 - Species: Daphnia < 1000 mg/l - Duration h: 24

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Daphnia = 1.0 mg/l - Duration h: 48

Endpoint: TLM - Species: Fish = 22 ppm - Duration h: 96 - Notes: Crapet Arlequin

Endpoint: IC50 - Species: Algae = 2.2 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 72

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1.000 mg/l - Duration h: 96 - Notes: Poecilia reticulata

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Endpoint: LC50 - Species: Daphnia > 1.000 mg/l - Duration h: 96 - Notes: Crangon crangon
 Endpoint: EC50 - Species: Algae > 969 mg/l

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia > 0.5 mg/l - Duration h: 528 - Notes: LOEC: > 0,5 mg/l, 22 days

e) Plant toxicity:

Endpoint: NOEC = 250.000 mg/l

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel
 Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel
 Endpoint: LC0 - Species: Fish > 10000 mg/kg/d - Duration h: 96 - Notes: Cyprinodon variegatus
 Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Cladocère
 Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.3 mg/l - Duration h: 96
 Endpoint: EC50 - Species: Daphnia = 1.4 mg/l - Duration h: 24
 Endpoint: EC50 - Species: Algae = 0.976 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus, taux de croissance
 Endpoint: EC10 - Species: Algae = 0.658 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus, taux de croissance

c) Bacteria toxicity:

Species: bacteria = 69 mg/l - Duration h: 3 - Notes: CI50

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

12.2. Persistence and degradability

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Biodegradability: Biodegradability rate - Duration: 28 days - %: 80

Biodegradability: Photodegradation (in air)

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%)

Biodegradability: Readily biodegradable

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 75

Biodegradability: Biodegradability rate - Test: OECD 302B - Duration: 13 days - %: 93

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Biodegradability: Oxygen depletion - %: 8

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Biodegradability: Non-readily biodegradable

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

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

12.3. Bioaccumulative potential

Xylene - CAS: 1330-20-7

Low bioconcentration potential

Log Pow 3.12

BCF 8.1 - 25.9

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Log Pow 1.01

BCF < 100

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Log Kow 26.22

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Potentially bioaccumulative.

12.4. Mobility in soil

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

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

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. 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):

08 01 11* wastes of paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information



14.1. UN number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT RELATED MATERIAL

IATA-Shipping Name: PAINT RELATED MATERIAL

IMDG-Shipping Name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

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ADR-Subsidiary hazards: -
 ADR-S.P.: 163 367 640E 650
 ADR-Transport category (Tunnel restriction code): 3 (D/E)
 IATA-Passenger Aircraft: 355
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 366
 IATA-S.P.: A3 A72 A192
 IATA-ERG: 3L
 IMDG-EmS: F-E , S-E
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category A
 IMDG-Segregation: -
 Q.L.: 5L
 Q.E.: E1

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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) 2015/830
 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)

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
 Restriction 40

Restrictions related to the substances contained:

Restriction 28

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, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS No. 64742-48-9)

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, AROMATICS (2-25%) (CAS No. 64742-82-1)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

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

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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
Product belongs to category: P5c

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:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H361d Suspected of damaging the unborn child.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2

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Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
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 2	4.1/C2	Chronic (long term) aquatic hazard, 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]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method
Asp. Tox. 1, H304	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.

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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.