

Safety Data Sheet

SOCOPAC 50S - P19190

Safety Data Sheet date: 29/1/2024, version 2

1. Identification

GHS Product Identifier

Mixture identification:

Trade name: SOCOPAC 50S

SDS code: P19190

Recommended use of the chemical and restrictions on use

Recommended use:

Paint/Coating

Industrial uses

Restrictions on use:

No uses advised against are identified.

Supplier's details

Manufacturers:

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

-Tel. +33 (0)2 97 43 76 90

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Competent person responsible for the safety data sheet:

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Emergency phone number:

New Zealand emergency phone number: 0800 764 766 (0800 POISON)

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

2. Hazards identification

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

- ⚠ 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 Acute 3, Harmful to aquatic life.
 - Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

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GHS label elements, including precautionary statements

Hazard pictograms:



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.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

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

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

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P314 Get medical advice/attention. if you feel unwell.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use a CO2 fire extinguisher to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

P405 Store locked up.

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

Special Provisions:

None

Other hazards which do not result in a classification:

No other hazards

3. Composition/information on ingredients

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Substances

N.A.




(N.A. = not applicable)

Mixtures

Hazardous components within the meaning of GHS and related classification:






>= 30% - < 60% 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

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

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

-  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

>= 1% - < 3% Paraffin waxes and Hydrocarbon waxes

REACH No.: 01-2119488076-30, CAS: 8002-74-2, EC: 232-315-6

3.1/5/Dermal Acute Tox. 5 H313





>= 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-methylamine

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% 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 H361 (Inhalation, Skin)

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% = weight/weight

NOTE: The Hazard Classifications listed in this section refer to the chemical at a pure concentration. The actual concentration of chemicals has been withheld as trade secret.

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

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.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed, if necessary

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

Treatment:

No particular treatment.

5. Fire-fighting measures

Suitable extinguishing media

In case of fire: Use a CO2 fire extinguisher to extinguish.

Unsuitable extinguishing media

None in particular.

Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: yes

Oxidizing properties: N.A.

Special protective actions for fire-fighters

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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For non emergency personnel:

For emergency responders:

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

Methods and material for containment and cleaning up

Wash with plenty of water.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

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 unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

8. Exposure controls/personal protection

Control parameters

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

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

- OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland (NDS, DNSCh)

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

- OEL Type: National - TWA: 100 ppm - Notes: Poland (NDS) (ACGIH)

Paraffin waxes and Hydrocarbon waxes - CAS: 8002-74-2

- OEL Type: ACGIH - TWA(8h): 2 mg/m³ - Notes: URT irr, nausea

- OEL Type: MAK - STEL: 6 mg/m³ - Notes: Germany

- OEL Type: National - TWA: 2 mg/m³ - Notes: INRS, France

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

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N,N-Bis(2-ethylhexyl)-5-methyl-1H-benzotriazole-1-methylamine

- OEL Type: TWA - TWA: 1 mg/m³ - Notes: Inhalable

2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT - CAS: 22464-99-9

- OEL Type: National - TWA(8h): 5 mg/m³ - STEL: 10 mg/m³ - Notes: WEL, UK

- OEL Type: National - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: NDS, NDSch;Poland

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

Paraffin waxes and Hydrocarbon waxes - CAS: 8002-74-2

Worker Industry: 2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local 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- methylamine 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

PNEC Exposure Limit Values

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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

Appropriate engineering controls:

None

Individual protection measures, such as personal protective equipment (PPE)

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

9. Physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	brown / red	--	--
Odour:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and	155 °C	--	--

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boiling range:			
Flammability:	The product is classified: Flammable liquid and vapour.	--	--
Flash point (°C):	41 °C	NF EN ISO 13736	--
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.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

SECTION 10: Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None

Conditions to avoid

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Avoid accumulating electrostatic charge.

Incompatible materials

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

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

ATEmix - Dermal 133512 mg/kg bw

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

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

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

The product is classified: STOT SE 3 H336

STOT-repeated exposure

The product is classified: STOT RE 2 H373

Aspiration hazard

The product is classified: Asp. Tox. 1 H304

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 - Duration: 4h - Source: OECD 401

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

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OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m³ - Duration: 4h - Source:

OECD 403

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

Reproductive toxicity:

Test: NOAEC - Route: Inhalation - Species: Rat > 300 ppm

Paraffin waxes and Hydrocarbon waxes - CAS: 8002-74-2

Acute toxicity:

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

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

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 1.5 mg/kg - Notes: 3 m

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

12. Ecological information**Toxicity**

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

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The product is classified: Aquatic Acute 3 - H402; Aquatic Chronic 3 - H412

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:

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Pseudokirchnerella subcapitata - growth rate - EOC201)

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: EL50

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

Endpoint: EL50

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

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

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

Endpoint: EL50

- Species: Aquatic plants = 2.3 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EL50

- Species: Microorganisms = 43.98 mg/l - Duration h: 48 - Notes: Tetrahymena pyriformis

b) Aquatic chronic toxicity:

Endpoint: NOEL - Species: Fish = 0.13 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

Endpoint: NOEL - Species: Aquatic invertebrates = 0.28 mg/l - Duration h: 504 - Notes: Daphnia magna

Paraffin waxes and Hydrocarbon waxes - CAS: 8002-74-2

a) Aquatic acute toxicity:

Species: Fish > 100 mg/l - Notes: LL50, Pimephales promelas

Species: Daphnia > 10.000 mg/l - Duration h: 48 - Notes: EL50

Endpoint: NOEC - Species: Algae = 100 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 10 mg/l - Duration h: 504

c) Bacteria toxicity:

Endpoint: NOEC - Species: bacteria = 2.17 mg/l - Notes: 10 min

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

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /Truite arc-en-ciel

Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /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: Daphnia magna

Endpoint: EC50 - Species: Algae > 100.1 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum

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Endpoint: EC50 - Species: Microorganisms = 10000 mg/l - Notes: Sludge / boues (0.1 day / 0,1 jour)

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

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: Biodegradability rate - Duration: 28 days - %: 74.7

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

Biodegradability: Non-readily biodegradable - Test: OECD TG 301 D - Duration: 28 days - %: 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

Bioaccumulative potential

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

Log Kow 26.22

Mobility in soil

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

Surface tension 24.7 mN/m - Notes: 25°C

Other adverse effects

No harmful effects expected.

13. Disposal considerations

Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

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14. Transport information



UN number

ADR-UN Number: 1263
 IATA-UN Number: 1263
 IMDG-UN Number: 1263

UN proper shipping name

ADR-Shipping Name: PAINT RELATED MATERIAL
 IATA-Shipping Name: PAINT RELATED MATERIAL
 IMDG-Shipping Name: PAINT RELATED MATERIAL

Transport hazard class(es)

ADR-Class: 3
 ADR - Hazard identification number: 30
 IATA-Class: 3
 IATA-Label: 3
 IMDG-Class: 3

Packing group, if applicable

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

Environmental hazards

ADR-Environmental Pollutant: No
 IMDG-Marine pollutant: No

Special precautions for user

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: -

Transport in bulk according to IMO instruments

N.A.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question.

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This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:
N.A.

HSNO Group Standard Approval: HSR002662

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)

16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

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.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H313 May be harmful in contact with skin.

H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

H400 Very toxic to aquatic life.

H361 (Inhalation, Skin) Suspected of damaging fertility or the unborn child if inhaled and in contact with skin.

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

Safety Data Sheet

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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.

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.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

Safety Data Sheet date: 29/1/2024, version 2