

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOMASK PRT18**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 29/10/2024, version 9**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: SOCOMASK PRT18
SDS code: P12128EU
UFI: XVFG-VX3S-031C-V0H3

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

Recommended use:

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

Manufacturing - Parc Gohelis - 56250 ELVEN France - Tel +33 (0)2 97 43 76 83 - Fax +33 (0)2 97 54 50 26

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

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Competent person responsible for the safety data sheet:

msdsinformation-eu@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)**

- ⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.
- ⚠ Warning, Repr. 2, Suspected of damaging fertility or the unborn child.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- ⚠

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Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

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

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

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

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P201 Obtain special instructions before use.

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

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

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

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:

None

Contains

toluene

Formaldehyde, polymer with 4-(1,1,3,3-tetramethylbutyl)phenol

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:

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Qty	Name	Ident. Number	Classification
>= 60% - < 70%	toluene	Index number: 601-021-00-3 CAS: 108-88-3 EC: 203-625-9 REACH No.: 01-2119471310-51	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.7/2 Repr. 2 H361d ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336 4.1/C3 Aquatic Chronic 3 H412
>= 1% - < 3%	Formaldehyde, polymer with 4-(1,1,3,3-tetramethylbutyl)phenol	CAS: 26678-93-3	⚠ 3.4.2/1B Skin Sens. 1B H317
>= 0.3% - < 0.5%	ethyl acetate	Index number: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4 REACH No.: 01-2119475103-46	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336 EUH066
>= 0.1% - < 0.25%	Quartz	CAS: 14808-60-7 EC: 238-878-4 REACH No.: Exempted----	Substance with a Union workplace exposure limit.
>= 0.001% - < 0.1%	4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol	Index number: 604-075-00-6 CAS: 140-66-9 EC: 205-426-2 REACH No.: 01-2119541687-29	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=10. ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=10.

SVHC, PBT, vPvB, endocrine disruptor substances:

>= 0.001% - < 0.1% 4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol

REACH No.: 01-2119541687-29, Index number: 604-075-00-6, CAS: 140-66-9, EC: 205-426-2

SVHC, Endocrine disruptor

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.

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Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

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

In case of eyes contact:

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

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

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

4.2. Most important symptoms and effects, both acute and delayed

Burning sensation.

Redness.

Swelling.

Blisters.

Absorption through the skin can result in toxic effects.

Swelling

Blurred vision.

Disorders of the visual system may be manifested by a decrease in the ability to distinguish colors.

Vapours may cause drowsiness and dizziness.

Continuous inhalation may result in unconsciousness and death.

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:

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media:

Water

Foam.

Multipurpose powders class ABC

Powders class BC

Carbon dioxide (CO₂)

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

Exercise the greatest care when handling or opening the container.

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

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

toluene - CAS: 108-88-3

- OEL Type: National - TWA(8h): 190 mg/m³ - Notes: Germany - DFG, H, Y

- OEL Type: National - TWA(8h): 76.8 mg/m³, 20 ppm - STEL(15min (Miw)): 384 mg/m³,

100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4bis, 84 ; peau

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- OEL Type: EU - TWA(8h): 192 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: Skin

- OEL Type: National - TWA: 191 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A4; BEI - CNS, visual & hearing impair; female repro system eff; pregnancy loss

- OEL Type: MAK - TWA: 190 mg/m³, 50 ppm - STEL(15min (Miw)): 380 mg/m³, 100 ppm - Notes: Osterreich

ethyl acetate - CAS: 141-78-6

- OEL Type: ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr

- OEL Type: EU - TWA(8h): 734 mg/m³, 200 ppm - STEL: 1468 mg/m³, 400 ppm

- OEL Type: National - TWA(8h): 550 mg/m³, 150 ppm - STEL: 1100 mg/m³, 300 ppm - Notes: Netherlands

- OEL Type: National - TWA(8h): 1461 mg/m³, 400 ppm - Notes: Belgium

- OEL Type: National - TWA(8h): 1500 mg/m³, 400 ppm - Notes: Germany

- OEL Type: National - TWA(8h): 1400 mg/m³, 400 ppm - Notes: France

- OEL Type: National - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: UK

Quartz - CAS: 14808-60-7

- OEL Type: ACGIH - TWA(8h): 0.025 mg/m³ - Notes: (R), A2 - Pulm fibrosis, lung cancer

- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction alvéolaire)

- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction de poussière alvéolaire)

- OEL Type: EU - TWA: 0.1 mg/m³ - Notes: Directive (EU) No. 2017/2398 (respirable fraction)

- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Spain

- OEL Type: National - TWA: 0.075 mg/m³ - Notes: Netherlands

- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Finland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Denmark

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Austria

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Switzerland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Poland

- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.3 mg/m³ - Notes: Norway

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Belgium

- OEL Type: National - TWA: 0.07 mg/m³ - Notes: Bulgaria

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Czech Republic

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Estonia

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Hungary [AK] (respirable)

- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.2 mg/m³ - Notes: Iceland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Lithuania (IPRD)

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Romania

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Sweden

DNEL Exposure Limit Values

toluene - CAS: 108-88-3

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation -

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Frequency: Short Term, systemic effects

Worker Professional: 192 mg/m³ - Consumer: 56.5 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Professional: 180 mg/kg - Consumer: 226 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Consumer: 8.13 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation -

Frequency: Short Term, local effects

ethyl acetate - CAS: 141-78-6

Worker Professional: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation

- Frequency: Short Term, systemic effects

Worker Professional: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation

- Frequency: Short Term, local effects

Worker Professional: 63 mg/kg b.w./day - Consumer: 37 mg/kg b.w./day - Exposure:

Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 734 mg/m³ - Consumer: 367 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Professional: 734 mg/m³ - Consumer: 4.5 mg/kg b.w./day - Exposure: Human Oral

- Frequency: Long Term, local effects

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol - CAS: 140-66-9

Worker Industry: 11.3 mg/kg - Consumer: 5.6 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 33 mg/kg - Consumer: 16.8 mg/kg - Exposure: Human Dermal -

Frequency: Short Term, systemic effects

Worker Industry: 0.8 mg/m³ - Consumer: 0.6 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Industry: 2.4 mg/m³ - Consumer: 1.8 mg/m³ - Exposure: Human Inhalation -

Frequency: Short Term, systemic effects

Consumer: 0.5 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

PNEC Exposure Limit Values

toluene - CAS: 108-88-3

Target: Fresh Water - Value: 0.68 mg/l

Target: Freshwater sediments - Value: 16.39 mg/kg

Target: Soil (agricultural) - Value: 2.89 mg/kg

Target: Microorganisms in sewage treatments - Value: 13.61 mg/l

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.26 mg/l

Target: Marine water - Value: 0.026 mg/l

Target: Freshwater sediments - Value: 1.25 mg/kg

Target: Marine water sediments - Value: 0.125 mg/kg

Target: Soil (agricultural) - Value: 0.24 mg/kg

Target: Microorganisms in sewage treatments - Value: 650 mg/l

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol - CAS: 140-66-9

Target: Marine water - Value: 0.000133 mg/l - Notes:: evaluation factor : 100

Target: Marine water - Value: 0.000632 mg/l - Notes:: evaluation factor : 5

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Target: Marine water - Value: 1.23 mg/l - Notes:: evaluation factor : 50

Target: PNEC predator - Value: 2.3 mg/l - Notes:: evaluation factor : 10 (ECHA)

Biological Exposure Index

N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

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

Respiratory protection:

Use adequate protective respiratory equipment.

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:	Green	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	110 °C	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	1.2-11.5%	--	--
Flash point (°C):	4 °C	--	--
Auto-ignition temperature:	>480 °C	--	toluene
Decomposition temperature:	N.A.	--	--

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pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.96	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	yes	--	may form explosive mixtures with air (toluene)
Viscosity:	1650 CPS	--	--

Volatile Organic compounds - VOCs = 671 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Acids.

Halogens.

Strong oxidizers.

10.6. Hazardous decomposition products

None.

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Toxicological information of the product:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

Serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

Respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

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

The product is classified: Repr. 2 H361

STOT-single exposure

The product is classified: STOT SE 3 H336

STOT-repeated exposure

The product is classified: STOT RE 2 H373

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

toluene - CAS: 108-88-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5580 mg/kg

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

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 28.1 mg/l - Duration: 4h

ethyl acetate - CAS: 141-78-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 4100 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 20000 mg/kg bw/day

Test: LC50 - Route: Inhalation - Species: Rat > 22.5 mg/l - Notes: 6h

Reproductive toxicity:

Test: NOAEC - Species: Rat = 73300 mg/m³ - Duration: 1-19 days - Source: OECD 414 -

Notes: Histopathologic modification

Quartz - CAS: 14808-60-7

Acute toxicity:

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Test: LC50 - Route: Oral = 500 mg/kg

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol - CAS: 140-66-9

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4040 mg/kg

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

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

Other toxicological information:

toluene

Skin contact:

Irritating effect

Eye contact:

Irritating effect

Inhalation of high concentration of vapours may cause irritation of the respiratory system.

Inhalation of high concentration vapours causes a narcotic reaction on the central nervous system, and severe lung damage.

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

Risk of central nervous system depression.

-

ethyl acetate

NOAEC, equivalent to OECD 424,750 ppm, 99-100 days, rat, effect: neurotoxic effects

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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The product is classified: Aquatic Chronic 3 - H412

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 134 mg/l - Duration h: 3 - Notes: Chlorella vulgaris

Endpoint: EC50 - Species: Daphnia = 3.78 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 5.5 mg/l - Duration h: 96 - Notes: Oncorhynchus kisutch

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.74 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Algae = 10 mg/l - Duration h: 72 - Notes: Skeletonema costatum

Endpoint: EC50 - Species: Daphnia = 3.23 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: LOEC

- Species: Daphnia = 2.76 mg/kg/d - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Fish = 1.39 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

Endpoint: LOEC

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- Species: Fish = 2.77 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

c) Bacteria toxicity:

Endpoint: NOEC - Species: bacteria = 29 mg/l - Duration h: 16 - Notes: pseudomonas putida

ethyl acetate - CAS: 141-78-6

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Algae > 1000 mg/l - Duration h: 48 - Notes: Scenedesmus pannonicus

Endpoint: EC50 - Species: Daphnia = 165 mg/l - Duration h: 48

Endpoint: LC50 = 180 mg/l - Duration h: 48 - Notes: Xenopus laevis

Endpoint: LC50 - Species: Fish = 230 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: LC50 - Species: Algae = 5600 mg/l - Duration h: 48 - Notes: Desmodesmus subspicatus

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish < 9.65 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: NOEC - Species: Daphnia = 2.4 mg/l - Duration h: 504

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol - CAS: 140-66-9

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.25 mg/l - Duration h: 96 - Notes: flow-through test ; Pimephales promelas

Endpoint: LC50 - Species: Fish > 0.1 mg/l - Duration h: 96 - Notes: flow-through test ; Oncorhynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 0.002 mg/l - Duration h: 504

12.2. Persistence and degradability

toluene - CAS: 108-88-3

Biodegradability: Readily biodegradable - Duration: 14 days - %: 100

ethyl acetate - CAS: 141-78-6

Biodegradability: Biodegradability rate - Duration: 20 days - %: 69

12.3. Bioaccumulative potential

toluene - CAS: 108-88-3

BCF 90

Log Pow 2.65

ethyl acetate - CAS: 141-78-6

BCF - Test: BCF - Bioconcentration factor 30 - Duration: 3 days - Notes: Leuciscus Idus

Log Pow 0.68 - Notes: 25°C

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol - CAS: 140-66-9

Log Kow 4.12

12.4. Mobility in soil

ethyl acetate - CAS: 141-78-6

Log Poc 8.6%

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 $\geq 0.1\%$

12.7. Other adverse effects

No harmful effects expected.

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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 or ID 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: 33
 IATA-Class: 3
 IATA-Label: 3
 IMDG-Class: 3

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-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards: -
 ADR-S.P.: 163 367 640C 650
 ADR-Transport category (Tunnel restriction code): 2 (D/E)
 IATA-Passenger Aircraft: 353
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 364
 IATA-S.P.: A3 A72 A192
 IATA-ERG: 3L
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category B
 IMDG-Segregation: -
 Q.L.: 5L

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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)
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
Restriction 40

Restrictions related to the substances contained:

Restriction 48
Restriction 75

Listed or in compliance with the following international inventories:

AICS - Australian Inventory of Chemical Substances
Canada (NDSL): One or more substances of this product is on the NDSL list. All other substances are on the DSL list.
IECSC - Inventory of Existing Chemical Substances Produced or Imported in China
KECI - Korea Existing Chemical Inventory
NZIoC - New Zealand Inventory of Chemicals

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PICCS - Philippine Inventory of Chemicals and Chemical Substances
TSCA - Toxic Substances Control Act

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.

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)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octylphenol
Endocrine disruptor (Environment)

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

Substances listed under Section 3 for which a chemical safety assessment was carried out:
TOLUENE (CAS: 108-88-3)

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H361d Suspected of damaging the unborn child.
H304 May be fatal if swallowed and enters airways.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
EUH066 Repeated exposure may cause skin dryness or cracking.
H400 Very toxic to aquatic life.
H318 Causes serious eye damage.
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 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 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking
SECTION 2: Hazards identification
SECTION 3: Composition/information on ingredients
SECTION 5: Firefighting measures
SECTION 8: Exposure controls/personal protection
SECTION 9: Physical and chemical properties
SECTION 11: Toxicological information
SECTION 12: Ecological information
SECTION 13: Disposal considerations

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SECTION 15: Regulatory information

(EC) 1272/2008 [CLP] Yönetmeliğine göre karışımların sınıflandırmasını elde etmek için kullanılan sınıflandırma ve prosedür:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1B, H317	Calculation method
Repr. 2, H361	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which

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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.