

Safety Data Sheet

SDS Reference Number: 100000110

Issue date: 25/11/2021 Revision date: 23/09/2025 Supersedes version of: 17/03/2025 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Trade name : SOUDAL Fix ALL Crystal

Reference Number : 175575

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

Relevant identified uses

Intended for general public

Main use category : Consumer use, Professional use

Use of the substance/mixture : Sealants

1.3. Details of the supplier of the safety data sheet

Supplier

Soudal USA 350 Ring Road

Elizabethtown, KY 42701

technical@soudalaccumetric.com

www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC

24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazardous to the aquatic environment – Chronic Hazard, H412 Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Signal word (CLP)

Hazard Statements (CLP) H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) P102 - Keep out of reach of children.

P273 - Avoid release to the environment.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards

The product does not meet the PBT and vPvB classification criteria

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification |
|---|---------------------|-------------|---|
| 3-(trimethoxysilyl)propylamine | CAS-No.: 13822-56-5 | ≥1-<3 | Eye Dam. 1, H318 Skin Irrit. 2, H315 |
| trimethoxyvinylsilane | CAS-No.: 2768-02-7 | <1 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation: vapor), H332 (ATE=16,8 mg/l/4h) Skin Sens. 1, H317 |
| dioctylbis(pentane-2,4-dionato-O,O')tin | CAS-No.: 54068-28-9 | ≥ 0.1 – < 1 | Skin Sens. 1, H317 STOT SE 2, H371 |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate | CAS-No.: 63843-89-0 | ≥ 0.1 – < 1 | STOT RE 1, H372 Acute Tox. 4 (Oral), H302 (ATE=1490 mg/kg bodyweight) Aquatic Chronic 1, H410 (M=10) |

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice.

First-aid measures after inhalation

Remove person to fresh air and keep comfortable for breathing. Respiratory problems:

consult a doctor/medical service.

First-aid measures after eye contact First-aid measures after ingestion

: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.

: Rinse mouth out with water. Get medical advice/attention if you feel unwell.

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures

: Ventilate spillage area.

For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

.

Leave the product to solidify. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the workstation. Wear personal protective equipment.

Hygiene measures

: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store at room temperature. Protect against frost. Protect from sunlight. Store in a well-ventilated place. Keep container closed when not in use.

Maximum storage period

: 15 months

Packaging materials

: Synthetic material.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

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| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
|--|--|
| ACGIH | |
| TWA (as Sn) | 0.1 mg/m³ (A4: Not classified as a human carcinogen) |
| STEL (as Sn) | 0.2 mg/m³ |
| OSHA | |
| TWA (as Sn) | 0.1 mg/m³ |
| 2.2 Expensive controls | |

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the workstation.

Personal protection equipment

Personal protective equipment symbol(s):







Eye and face protection

Eye protection: Safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection: Protective gloves

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Environmental exposure controls: Avoid

release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

: Solid Physical state Color : Clear Appearance : Pasty. Odor : characteristic. Odor threshold : Not available : Not applicable Melting point : Not available Freezing point Boiling point : Not available Flammability : Not applicable Lower explosion limit : Not applicable Upper explosion limit : Not applicable : > 100 °C Flash point Auto-ignition temperature : Not applicable Decomposition temperature : Not available

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pH : Not available
pH solution : Not available
Viscosity, kinematic : Not applicable

Solubility : insoluble in water. Soluble in organic solvents.

Partition coefficient n-octanol/water (Log Kow) : Not available

Vapor pressure : Not available

Vapor pressure at 50°C : Not available

Density : 1.045 g/cm³ (20°C)

Relative density : Not available

Relative vapor density at 20°C : Not applicable

Particle size : Not available

9.2. Other information

Other safety characteristics

VOC content

: < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard class

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,10-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | |
|--|--|
| LD50 oral rat | 1,490 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral) |
| LD50 dermal rat | > 3,170 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rat, Male / female, Experimental value, Dermal) |
| LC50 Inhalation - Rat | > 460 mg/m³ air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol)) |

| trimethoxyvinylsilane (2768-02-7) | |
|-----------------------------------|--|
| LD50 oral rat | 6,899 – 7,012 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 3,158 – 3,760 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | 16.8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapors), 14 day(s)) |

| 3-(trimethoxysilyl)propylamine (13822-56-5) | |
|---|--|
| | 3,030 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 11,458 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s)) |

| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
|--|---|
| LD50 oral rat | 2,500 mg/kg (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral) |
| LD50 dermal rat | > 2,000 mg/g (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal) |
| LC50 Inhalation - Rat | 5.1 mg/m³ (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapors)) |

Skin corrosion/irritation : Not classified

| trimethoxyvinylsilane (2768-02-7) | |
|-----------------------------------|-------------------------------------|
| рН | No data available in the literature |

| 3-(trimethoxysilyl)propylamine (13822-56-5) | |
|---|----------------|
| рН | 9 (2 %, 20 °C) |

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| Serious eve damage/irritation | : Not classified. |
|---------------------------------|--------------------|
| Sellous eve dalliade/illitation | . INOL CIASSIIIEU. |

| SOUDAL Fix ALL Crystal | | |
|------------------------|---|------------------------------|
| | Eye Irritation (test on mixture), Eye, In vitro | No eye irritation (OECD 437) |

| trimethoxyvinylsilane (2768-02-7) | |
|-----------------------------------|-------------------------------------|
| pH | No data available in the literature |

| 3-(trimethoxysilyl)propylamine (13822-56-5) | |
|---|----------------|
| рН | 9 (2 %, 20 °C) |

Respiratory or skin sensitization : Skin sensitization: Not classified.

| SOUDAL Fix ALL Crystal | |
|--|---|
| Skin Sensitization (test on mixture), Skin, In vivo, mouse | Not sensitizing (OECD 429 (Reduced Local Lymph Node Assay)) |

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
|--|---|
| , | 0.3 – 0.4 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| , | 0.3 – 0.5 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

STOT-single exposure : Not classified

| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
|--|--|
| STOT-single exposure | May cause damage to organs (immune system) (if swallowed). |

STOT-repeated exposure : Not classified

bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)

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| STOT-repeated exposure | Causes damage to organs (liver, lymphoid system, spleen) through prolonged or repeated exposure (if swallowed). |
|--|---|
| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
| LOAEC (inhalation, rat, gas, 90 days) | 650 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90- Day Study) |

Aspiration hazard : Not classified

| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | |
|---|------------------------|
| Viscosity, kinematic | Not applicable (solid) |

| trimetnoxyvinyisiiane (2768-02-7) | |
|-----------------------------------|-------------------|
| Viscosity, kinematic | 0.7 mm²/s (20 °C) |

| 3-(trimethoxysilyl)propylamine (13822-56-5) | |
|---|---|
| Viscosity, kinematic | 1.77 mm²/s (20 °C, DIN 51562: Capillary viscometer) |

| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | |
|--|--|
| Viscosity, kinematic | 25.1 mm²/s (40 °C, OECD 114: Viscosity of Liquids) |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects. (chronic)

| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | |
|---|---|
| LC50 - Fish [1] | > 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) |
| EC50 72h - Algae [1] | 61 mg/l (Other, Scenedesmus subspicatus, Static system, Fresh water, Experimental value, Biomass) |
| LOEC (acute) | 0.0064 mg/l (OECD 211, daphnia magna, 21d) |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | |

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| NOEC chronic crustacea | 0.002 mg/l (OECD 211, daphnia magna, 21d) | | |
|---|--|--|--|
| trimethoxyvinylsilane (2768-02-7) | trimethoxyvinylsilane (2768-02-7) | | |
| LC50 - Fish [1] | 191 mg/l (96 h, Oncorhynchus mykiss, Fresh water, Experimental value, Nominal concentration) | | |
| EC50 - Crustacea [1] | 169 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) | | |
| ErC50 algae | > 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) | | |
| NOEC chronic algae | 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) | | |
| 3-(trimethoxysilyl)propylamine (13822-56-5) | | | |
| LC50 - Fish [1] | > 934 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) | | |
| EC50 - Crustacea [1] | 331 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) | | |
| EC50 72h - Algae [1] | > 1,000 mg/l (EU Method C.3, Desmodesmus subspicatus, Static system, Fresh water, Read-across, GLP) | | |
| dioctylbis(pentane-2,4-dionato-O,O')tin (5406 | 8-28-9) | | |
| LC50 - Fish [1] | 71.1 mg/l (96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value, Nominal concentration) | | |
| EC50 - Crustacea [1] | 47.6 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration) | | |
| EC50 - Other aquatic organisms [1] | 75 mg/l Test organisms (species): other: | | |
| ErC50 algae | 32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP) | | |
| 12.2. Persistence and degradability | | | |
| SOUDAL Fix ALL Crystal | | | |
| Persistence and degradability | Not rapidly degradable | | |
| pis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | | | |
| Persistence and degradability | not readily degradable in water. | | |
| trimethoxyvinylsilane (2768-02-7) | | | |
| Persistence and degradability | not readily degradable in water. | | |

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| 3-(trimethoxysilyl)propylamine (13822-56-5) | | | |
|--|---|--|--|
| Persistence and degradability | Not readily biodegradable in water. | | |
| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | | | |
| Persistence and degradability | not readily degradable in water. | | |
| 12.3. Bioaccumulative potential | | | |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis | (1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | | |
| BCF - Fish [1] | 24.3 – 437.1 (OECD 305: Bioconcentration: Flow-Through Fish Test, 60 day(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value) | | |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis | (1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | | |
| Partition coefficient n-octanol/water (Log Pow) | 3.7 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C) | | |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). | | |
| | | | |
| trimethoxyvinylsilane (2768-02-7) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 1.1 (QSAR, KOWWIN, 20 °C) | | |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). | | |
| 3-(trimethoxysilyl)propylamine (13822-56-5) | 3-(trimethoxysilyl)propylamine (13822-56-5) | | |
| Partition coefficient n-octanol/water (Log Pow) | 0.2 (QSAR, KOWWIN, 20 °C) | | |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). | | |
| dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 0.6 (Calculated, 25 °C) | | |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). | | |
| 12.4. Mobility in soil | | | |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis | (1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.04 – 8.1 (log Koc, SRC PCKOCWIN v2.0, Calculated value) | | |
| Ecology - soil | Low potential for mobility in soil. | | |
| trimethoxyvinylsilane (2768-02-7) | | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.8 (log Koc, SRC PCKOCWIN v2.0, Calculated value) | | |
| | | | |

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| Ecology - soil | Low potential for adsorption in soil. |
|----------------|---------------------------------------|
| | |

| 3-(trimethoxysilyl)propylamine (13822-56-5) | |
|--|-------------------------------------|
| Surface tension | No data available in the literature |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | -0.6 (log Koc, QSAR) |
| Ecology - soil | Highly mobile in soil. |

dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)

Surface tension 32.3 mN/m (20 °C, 30 mg/l, OECD 115: Surface Tension of Aqueous Solutions)

12.5. Results of PBT and vPvB assessment

SOUDAL Fix ALL Crystal

The product does not meet the PBT and vPvB classification criteria

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use of disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /

| ADR | IMDG | IATA | ADN | RID |
|-------------------------------|---------------|---------------|---------------|---------------|
| 14.1. UN number or ID number | | | | |
| Not regulated for transport | | | | |
| 14.2. UN proper shipping name | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

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| 14.3. Transport hazard class(es) | | | | |
|--|---------------|---------------|---------------|---------------|
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. US Federal Regulations

TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

SARA 302 None SARA 304 None

SARA 311/312

Acute Health Hazard Yes

Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

SARA 313 None present of none present in reportable quantities.

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15.1.2. US State Regulations

California Prop 65: WARNING: This product can expose you to chemicals including diisononyl phthalate, which is known to the State of California to cause cancer, and methanol, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Abbreviations and acronyms: | | |
|-----------------------------|--|--|
| ATE | Acute Toxicity Estimate | |
| BLV | Biological limit value | |
| CAS-No. | Chemical Abstract Service number | |
| DMEL | Derived Minimal Effect level | |
| DNEL | Derived-No Effect Level | |
| EC50 | Median effective concentration | |
| IATA | International Air Transport Association | |
| IMDG | International Maritime Dangerous Goods | |
| LC50 | Median lethal concentration | |
| LD50 | Median lethal dose | |
| LOAEL | Lowest Observed Adverse Effect Level | |
| NOAEC | No-Observed Adverse Effect Concentration | |
| NOAEL | No-Observed Adverse Effect Level | |
| NOEC | No-Observed Effect Concentration | |
| OEL | Occupational Exposure Limit | |
| РВТ | Persistent Bioaccumulative Toxic | |
| PNEC | Predicted No-Effect Concentration | |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail | |
| SDS | Safety Data Sheet | |
| vPvB | Very Persistent and Very Bioaccumulative | |
| WGK | Water Hazard Class | |

Full text of H- and EUH-statements:

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| Acute Tox. 4 (Inhalation: vapor) | Acute toxicity (inhalation: vapor) Category 4 |
|-------------------------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| STOT RE 1 | Specific target organ toxicity – Repeated exposure, Category 1 |
| STOT SE 2 | Specific target organ toxicity – Single exposure, Category 2 |
| H226 | Flammable liquid and vapor. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H371 | May cause damage to organs. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material of the results to be obtained from the use thereof.

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