



THIOPRON 825 SC

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
SDS Reference Number: FCG70
Issue date: 7/7/2020 Date of revision: 6/26/2024 Supersedes version of: 6/9/2022 Version: 3.1

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

1.1. Product identifier

Product form : Mixture
Name : THIOPRON 825 SC, GOFRITHAR 825SC
Product code : FCG70

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

Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : Plant protection products
Use of the substance/mixture : Fungicide

Uses advised against

Restrictions on use : No known evidence against using

1.3. Details of the supplier of the safety data sheet

UPL - Operating as Cerexagri s.a.s
Tour Voltaire, 2 ième étage
1 place des Degrés
92800 - PUTEAUX
France
T +33 (0)1 30 17 88 00, F +33 (0)1 30 17 88 20
EUR-SDS.info@upl-ltd.com

1.4. Emergency telephone number

Emergency number : France: +33 1 72 11 00 03 (French) or +44 1325 239670 (English)
Rest of the world (English): +44 1865 407333
Europe (English): +44(0)1235 239670
112 (European Emergency Number)

Country/Area	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
France	ORFILA	http://www.centres-antipoison.net/	+ 33 1 45 42 59 59	-

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Contains

: 1,2-benzisothiazol-3(2H)-one

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sulfur	CAS-No.: 7704-34-9 EC-No.: 231-722-6 EC Index-No.: 016-094-00-1	50-60	Skin Irrit. 2, H315
Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate substance with national workplace exposure limit(s) (FR)	CAS-No.: 68425-94-5	1 - 5	Eye Irrit. 2, H319
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60-XXXX	< 0.1	Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE=0.21 mg/l) Acute Tox. 4 (Oral), H302 (ATE=450 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hydroxide substance with national workplace exposure limit(s) (BE, FR)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27-XXXX	< 0.1	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
Silicon dioxide substance with national workplace exposure limit(s) (FR)	CAS-No.: 7631-86-9 EC-No.: 231-545-4 REACH-no: 01-2119379499-16	< 0.1	Not classified
Silicon dioxide substance with national workplace exposure limit(s) (FR)	CAS-No.: 7631-86-9 EC-No.: 231-545-4 REACH-no: 01-2119379499-16	< 0.1	Not classified

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60-XXXX	(0.036 ≤ C ≤ 100) Skin Sens. 1A; H317
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27-XXXX	(0.5 ≤ C < 2) Eye Irrit. 2; H319 (0.5 ≤ C < 2) Skin Irrit. 2; H315 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C ≤ 100) Skin Corr. 1A; H314

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. Call a POISON CENTER/doctor if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

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|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use a solid water stream as it may scatter and spread fire. |

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. Wear self-contained breathing apparatus and protective suit (see section 8). |
| Other information | : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- | | |
|----------------------|--|
| Protective equipment | : For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Only qualified personnel equipped with suitable protective equipment may intervene. See section 8 of the SDS for more information on personal protective equipment. |

For emergency responders

- | | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. If spillage occurs on the public highway, indicate the danger and notify the authorities (police, fire brigade).

6.3. Methods and material for containment and cleaning up

- | | |
|-------------------------|---|
| For containment | : Collect spillage. |
| Methods for cleaning up | : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Recover large spills by pumping (use an explosion proof or hand pump). |
| Other information | : Dispose of materials or solid residues at an authorized site. Keep in suitable, closed containers for disposal. Keep contaminated washing water and dispose of appropriately. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not discharge into drains or rivers. Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose of in accordance with relevant local regulations. Discharging into rivers and drains is forbidden. |

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- | | |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. |
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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Containers which are opened should be properly resealed and kept upright to prevent leakage.
Storage conditions	: Store in a well-ventilated place. Keep cool. Store in original container. Keep Away From Heat. Protect from freezing. Keep only in original container. Keep container closed when not in use. Keep cool. Protect from sunlight. Keep away from sources of ignition. Keep out of reach of children.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: > 0 °C

7.3. Specific end use(s)

Consult the indications on the package label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Silicon dioxide (7631-86-9)	
France - Occupational Exposure Limits	
VME (OEL TWA)	10 mg/m ³
Sodium hydroxide (1310-73-2)	
Belgium - Occupational Exposure Limits	
Local name	Sodium (hydroxyde de) # Natriumhydroxide
OEL TWA	2 mg/m ³
Remark	M: la mention "M" indique que lors d'une exposition supérieure à la valeur limite, des irritations apparaissent ou un danger d'intoxication aiguë existe. Le procédé de travail doit être conçu de telle façon que l'exposition ne dépasse jamais la valeur limite. Lors des mesurages, la période d'échantillonnage doit être aussi courte que possible afin de pouvoir effectuer des mesurages fiables. Le résultat des mesurages est calculé en fonction de la période d'échantillonnage. # M: de vermelding "M" duidt aan dat bij de blootstelling boven de grenswaarde irritatie optreedt of er gevaar bestaat voor acute vergiftiging. Het werkproces moet zo zijn ontworpen dat de blootstelling de grenswaarde nooit overschrijdt. Bij een controle geldt dat de bemonsterde periode zo kort mogelijk moet zijn om een betrouwbare meting te kunnen verrichten. Het meetresultaat wordt dan gerelateerd aan de beschouwde periode.
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
France - Occupational Exposure Limits	
Local name	Sodium (hydroxyde de) (Hydroxyde de sodium)
VME (OEL TWA)	2 mg/m ³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)
Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	
France - Occupational Exposure Limits	
VME (OEL TWA)	10.5 mg/m ³ Poussière FR VLE
Remark	5 mg/m ³ ; FR VLE; Alveolar Fraction

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Silicon dioxide (7631-86-9)

France - Occupational Exposure Limits

VME (OEL TWA)	10 mg/m ³
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8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses. (ISO 16321-1)

Skin protection

Skin and body protection:

Wear standard coveralls and Category 3 Type 4 suit (EN 13688 + EN 14605:2005 + A1:2009).

If there is a risk of significant exposure, consider a higher protective type suit.

Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

Hand protection:

Protective gloves. (EN ISO 374-1/A1)

Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0.4	3 (> 0.65)	EN ISO 374

Respiratory protection

Respiratory protection:

Wear respiratory protection. In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection

Device	Filter type	Condition	Standard
Half-face mask	ABEK	Vapour protection	EN 140, EN 149, EN 405

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

Physical state	: Liquid
Colour	: white to slightly yellow.
Appearance	: Opaque. Suspension Concentrate (SC).
Odour	: Paint.
Odour threshold	: Not available

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Melting point	: 0 °C (Results obtained on a similar product)
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive properties	: Not explosive. Test method EU A.14.
Oxidising properties	: Non oxidizing. Test method EU A.21.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 110 °C EC A.9 (Results obtained on a similar product)
Auto-ignition temperature	: > 230 °C EC A.15 (Results obtained on a similar product)
Decomposition temperature	: Not available
pH	: 6.99
pH solution	: 1 % 20°C (CIPAC MT 75.3) (Results obtained on a similar product)
Viscosity, kinematic	: 61.806 mm²/s
Viscosity, dynamic	: 89 mPa·s 20°C, OECD 114 (Results obtained on a similar product)
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.44 g/ml 20 °C; EC A.3
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

No additional information available

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

Strong acids. Strong oxidizing agents.

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 classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Sulphur (825) SC

LD50 oral rat	> 2000 mg/kg OECD 423, EC B 1 tris (Results obtained on a similar product)
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Sulphur (825) SC

LD50 dermal rat	> 2000 mg/kg OECD 402, EC B.3 (Results obtained on a similar product)
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sulfur (7704-34-9)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 401 method)(Official data, EFSA)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)(Official data, EFSA)
LC50 Inhalation - Rat	> 5.43 mg/l/4h (OECD 403 method)(Official data, EFSA)

Sodium hydroxide (1310-73-2)

LD50 oral rat	140 – 340 mg/kg
LD50 dermal rabbit	1350 mg/kg

Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)

LD50 oral rat	> 5000 mg/kg
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1,2-benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat	300 – 2000 mg/kg bodyweight RAC Endpoint
LD50 dermal rat	> 2000 mg/kg bodyweight OECD Guideline 402; RAC Endpoint
LC50 Inhalation - Rat (Dust/Mist)	0.05 – 0.5 mg/l/4h RAC Endpoint

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met; (OECD 404 method); (Results obtained on a similar product)). pH: 6.99
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Sodium hydroxide (1310-73-2)

pH	13
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Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)

pH	7.5 – 10 (5%)
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Serious eye damage/irritation	: Causes serious eye irritation. pH: 6.99
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Additional information	: (OECD 405 method) (Results obtained on a similar product)
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Sodium hydroxide (1310-73-2)

pH	13
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Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)

pH	7.5 – 10 (5%)
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Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: (OECD 406 method) (Results obtained on a similar product)

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)

1,2-benzisothiazol-3(2H)-one (2634-33-5)

NOAEL (animal/female, F1)	56.6 mg/kg bodyweight female (ratReproductionFertility; EPA OPPTS 870.3800
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STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

Sulphur (825) SC

Viscosity, kinematic	61.806 mm²/s
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

Sulphur (825) SC	
LC50 - Fish	> 78.3 mg/l (Results obtained on a similar product)
EC50 - Crustacea	> 77.5 mg/l Daphnia (Results obtained on a similar product)
EC50 96h - Algae	54.33 mg/l (Results obtained on a similar product)

sulfur (7704-34-9)	
EC50 - Crustacea	> 0.005 mg/l/48h (Daphnia magna)(OECD 202 method)
NOEC chronic crustacea	> 0.0025 mg/l/ 21 days (Daphnia magna)(OECD 211 method)
NOEC chronic algae	> 0.005 mg/l/72h (OECD 201 method)

Sodium hydroxide (1310-73-2)	
LC50 - Fish	35 – 189 mg/l
EC50 - Crustacea	40.4 mg/l Ceriodaphnia sp.

Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	
LC50 - Fish	10 – 100 mg/l/96h Danio rerio, OECD 203
EC50 - Crustacea	> 100 mg/l/48h Daphnia magna, OECD 202
EC50 72h - Algae	> 100 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	10 – 100 mg/l Daphnia magna

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LC50 - Fish	2.18 mg/l/96h ((OECD 203 method), Oncorhynchus mykiss)
LC50 fish	2.15 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea	2.94 mg/l/48h ((OECD 202 method), Daphnia magna)
EC50 Daphnia	2.9 mg/l Daphnia magna
ErC50 algae	0.11 mg/l/72h ((OECD 201 method), Selenastrum capricornutum)
NOEC chronic crustacea	1.7 mg/l/ 21 days (OECD 211; Daphnia)
NOEC chronic algae	0.0403 mg/l

12.2. Persistence and degradability

Sulphur (825) SC	
Persistence and degradability	not persistent.
sulfur (7704-34-9)	
Persistence and degradability	Not applicable (inorganic substance).

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Silicon dioxide (7631-86-9)

Persistence and degradability	Not rapidly degradable
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Sodium hydroxide (1310-73-2)

Persistence and degradability	Not rapidly degradable
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Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)

Persistence and degradability	Not readily biodegradable.
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Silicon dioxide (7631-86-9)

Persistence and degradability	Not rapidly degradable
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1,2-benzisothiazol-3(2H)-one (2634-33-5)

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

Sulphur (825) SC

Bioaccumulative potential	Not potentially bioaccumulable.
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sulfur (7704-34-9)

Bioaccumulative potential	Low bioaccumulation potential.
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1,2-benzisothiazol-3(2H)-one (2634-33-5)

Partition coefficient n-octanol/water (Log Pow)	0.7 (20 °C)
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12.4. Mobility in soil

Sulphur (825) SC

Surface tension	51.5 mN/m (1 g/L; OECD 115) (Results obtained on a similar product)
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12.5. Results of PBT and vPvB assessment

No additional information available

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

Waste treatment methods	: Dispose of in accordance with relevant local regulations. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not discharge into drains or rivers. Dispose of contents/container in accordance with licensed collector's sorting instructions. Discharging into rivers and drains is forbidden.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Recycle or dispose of in compliance with current legislation.
Ecological waste information	: Avoid release to the environment. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
European List of Waste (LoW, EC 2000/532)	: 02 01 08* - agrochemical waste containing dangerous substances

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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	Not regulated	Not regulated	Not applicable	Not applicable
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not applicable	Not applicable
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not applicable	Not applicable
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not applicable	Not applicable
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 applicable

Rail transport

Not applicable

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

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POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

France

Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
3	Composition/information on ingredients	Modified BIT ATP21
5.3	Other information	Added
5.3	Protection during firefighting	Modified
6.1	Emergency procedures	Added
6.1	Protective equipment	Added
6.1	Protective equipment	Modified
6.1	Emergency procedures	Modified
6.2	Environmental precautions	Modified
6.3	For containment	Added
6.3	Methods for cleaning up	Modified
6.3	Other information	Modified
6.4	Reference to other sections (8, 13)	Modified
7.1	Hygiene measures	Removed
7.2	Incompatible materials	Added
7.2	Technical measures	Added
7.2	Storage conditions	Modified

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Indication of changes		
Section	Changed item	Comments
8.2	Respiratory protection	Modified
8.2	Hand protection	Modified
8.2	Eye protection	Modified

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
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
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified

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Abbreviations and acronyms:

vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A

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

Eye Irrit. 2	H319	Expert judgement
Skin Sens. 1	H317	Calculation method

Safety Data Sheet applicable for regions : BE - Belgium;EU - Europe;FR - France

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.