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MITRON BX SC

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

1.1 Product identifier

Trade name : Mitron BX SC

Authorisation number : MAPP 19279

Active substance : Metamitron 700 g/l SC
EC No.: 255-349-3
CAS No.: 41394-05-2
IUPAC Name : 4-amino-3-methyl-6-phenyl-1,2,4-triazine-5(4H)-one

Substance No. : 300000000615

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

Use of the Substance/Mixture : Herbicide for professional use.

1.3 Details of the supplier of the safety data sheet

Address : Belcrop BV
Tiensestraat 300
3400 Landen
Belgium

Telephone : +32 11 59 83 60

Telefax : +32 11 59 83 61

E-mail address Contact Point : info@belcrop.be

1.4 Emergency telephone number

Please call the local emergency number.
Emergency number in Belgium (24h/24, 7d/7): +32 11 69 79 80

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Hazardous to the aquatic environment - Chronic hazard, Category 3

H410: Very toxic to aquatic life with long lasting effects.

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2.2 Label elements

Labelling (Regulation (EC) No. 1272/2008)

Hazard pictograms

:



Signal word

: Warning

Hazard statements

: H410

Very toxic to aquatic life with long lasting effects.

EUH208

Contains 1,2-benzisothiazol-3(2H)-one; .
May produce an allergic reaction.

EUH401

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

Precautionary statements

: P273

Avoid release to the environment.

P391

Collect spillage.

P501

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

2.3 Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Ethoxylated polyarylphenol sulfated (119432-41-6)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, 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 is 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 %

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
metamitron (ISO)	CAS-No.: 41394-05-2 EC-No.: 255-349-3 EC Index-No.: 613-129-00-8	50 – 80	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Aquatic Acute 1, H400 EUH401
monoethylene glycol substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 REACH-no: 01-2119456816-28-XXXX	2.5 – 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373
Ethoxylated polyarylphenol sulfated	CAS-No.: 119432-41-6	1 – 2.5	Eye Dam. 1, H318
Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate	CAS-No.: 68425-94-5	1 – 2.5	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	< 0.1	Acute Tox. 4 (Oral), H302 (ATE=670 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1)
Sodium hydroxide substance with national workplace exposure limit(s) (GB)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	< 0.1	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
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	(0.05 ≤ C ≤ 100) Skin Sens. 1, 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	(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	

For the full text of the hazard statements mentioned in this Section, see Section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled: : Remove person to fresh air and keep comfortable for breathing.
- In case of skin contact: : Wash with plenty of water.
- In case of eye contact: : Rinse eyes with water as a precaution.
- If swallowed: : Call a POISON CENTER or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
Dry powder
Polyvalent foam
- Unsuitable extinguishing media : Water spray jet

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

Environmental precautions : Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

See Section 8 for exposure controls/personal protection. See Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Ensure good ventilation of the work station. 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

Requirements for storage areas and containers : Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

See Section 1.2.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Component	CAS No.	Form of exposure	Value type	Control parameters	Basis
Sodium hydroxide	1310-73-2	Not specified	STEL	2 mg/m ³	EH40/2005 (Fourth edition, 2020). HSE
Ethane-1,2-diol ¹	107-21-1	Not specified	TWA	10 mg/m ³ particulate 52 mg/m ³ vapour 20 ppm vapour	EH40/2005 (Fourth edition, 2020). HSE
			STEL	104 mg/m ³ vapour 40 ppm vapour	EH40/2005 (Fourth edition, 2020). HSE

¹ Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)

8.2 Exposure controls

Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Disposable half mask	ABEK	Vapour protection	EN 140, EN 149

Hand protection : Protective gloves complying with EN 374.

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

Eye and face protection : Safety glasses with side-shields conforming to EN 166.

Skin and body protection : Wear suitable protective clothing. Wear standard coveralls and Category 3 Type 4 suit (EN 13688 + EN 14605:2005). 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.

Thermal hazards : No additional information available

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Environmental exposure controls

General advice : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Off-white. yellowish. white.
Appearance	:	Viscous. Opaque.
Odour	:	Not available
Odour threshold	:	Not available
Melting point	:	Not applicable
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Not applicable
Explosive properties	:	Not explosive. Test method EU A.14.
Oxidising properties	:	Not oxidizing.
Explosive limits	:	Not available
Lower explosive limit (LEL)	:	Not available
Upper explosive limit (UEL)	:	Not available
Flash point	:	112 – 113 °C EEC A9
Auto-ignition temperature	:	479 °C EEC A15
Decomposition temperature	:	Not available
pH	:	8.37 CIPAC MT 75.3, 20°C
pH solution	:	1 %
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	58 mPa.s OECD 114, 40°C
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Partition coefficient n-octanol/water (Log Pow)	:	0.96 25°C
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	1.203 EEC A3

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Relative vapour density at 20°C	:	Not available
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable
Particle dustiness	:	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

No additional information available

10.6 Hazardous decomposition products

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

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

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

Mitron BX SC	
LD50 oral rat	> 2000 mg/kg bodyweight OECD 420
LD50 dermal rat	> 2000 mg/kg bodyweight OECD 402
LC50 Inhalation - Rat	> 3.49 mg/l OECD 403

Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	
LD50 oral rat	> 5000 mg/kg

Metamitron (ISO) (41394-05-2)	
LD50 oral rat	1183 mg/kg (OECD 401 (24/2/1987), US EPA 81-1, EU method B.1 (92/69/EEC))
LD50 dermal rat	> 5000 mg/kg (OECD 402 (24/2/1987))
LC50 Inhalation - Rat	3.17 mg/l/4h (OECD 403, Directive 92/69/EEC / OPPTS (1998) Guidelines, US EPA 81-3)

1,2-benzisothiazol-3(2H)-one; (2634-33-5)	
LD50 oral rat	670 mg/kg (OECD 401) male

1,2-benzisothiazol-3(2H)-one; (2634-33-5)	
LD50 oral	784 mg/kg (OECD 401) female
LD50 dermal rat	> 2000 mg/kg (OECD 402)

Monoethylene glycol (107-21-1)	
LD50 oral rat	7712 mg/kg
LD50 dermal	> 3500 mg/kg (mouse)
LC50 Inhalation - Rat	> 2.5 mg/l (Aerosol - 6 h)

Ethoxylated polyarylphenol sulfated (119432-41-6)	
LD50 oral rat	> 2000 mg/kg By analogy to product with similar composition.

Skin corrosion/irritation : (OECD 404 method) (Based on available data, the classification criteria are not met)
pH: 8.37 CIPAC MT 75.3, 20°C
Serious eye damage/irritation : (OECD 405 method) (Based on available data, the classification criteria are not met)
pH: 8.37 CIPAC MT 75.3, 20°C
Respiratory or skin sensitisation : (OECD 429 method) (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified

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Carcinogenicity : Not classified
Reproductive toxicity : Not classified

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
STOT-repeated exposure : Not classified

monoethylene glycol (107-21-1)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

11.2 Information on other hazards

Propriétés perturbatrices endocriniennes

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 is 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 %

Other information

No additional information available

SECTION 12: Ecological information

12.1 Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.
Not rapidly degradable

Mitron BX SC	
LC50 - Fish	> 100 mg/l/96h Oncorhynchus mykiss, OECD 203
EC50 - Crustacea	> 100 mg/l/48h Daphnia magna, OECD 202
ErC50 algae	2.32 mg/l/72h Pseudokirchneriella subcapitata, OECD 201
ErC50 other aquatic plants	1.76 mg/l 7d, Lemna gibba, OECD 221
NOEC chronic algae	0.045 mg/l/72h
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

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Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	
EC50 72h - Algae	> 100 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	10 – 100 mg/l Daphnia magna
metamitron (ISO) (41394-05-2)	
LC50 - Fish	> 190 mg/l/96h (Oncorhynchus mykiss; OECD 203)
EC50 Daphnia	5.7 mg/l/48h (Daphnia magna; OECD 202)
EC50 72h - Algae	0.4 mg/l (Pseudokirchneriella subcapitata, 79/831/EEC, C.3 (1992), OECD 201 (1984), and ISO-Guideline No. 8692 (1989 E))
ErC50 algae	1.8 mg/l/72h Pseudokirchneriella subcapitata, OECD 201 and ISO-Guideline No. 8692
Sodium hydroxide (1310-73-2)	
LC50 - Fish	35 – 189 mg/l
EC50 - Crustacea	40.4 mg/l Ceriodaphnia sp
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)
monoethylene glycol (107-21-1)	
LC50 - Fish	72860 mg/l/96h (Pimephales promelas)
EC50 - Crustacea	13900 – 57600 mg/l/48h (Daphnia magna)
EC50 Daphnia	> 100 mg/l (Daphnia magna)(OCED 202)
EC50 96h algae	6500 – 13000 mg/l
NOEC chronic fish	15380 mg/l (7 days) (Pimephales promelas)
NOEC chronic crustacea	8590 mg/l (7 days) (Ceriodaphnia dubia)
Ethoxylated polyarylphenol sulfated (119432-41-6)	
LC50 - Fish	> 100 mg/l
LC50 - Other aquatic organisms	> 100 mg/l - aquatic species (estimated data).
EC50 - Crustacea	> 100 mg/l
EC50 - Other aquatic organisms	> 100 ppm - aquatic species (estimated data).

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12.2 Persistence and degradability

Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	
Persistence and degradability	Not readily biodegradable.
metamitron (ISO) (41394-05-2)	
Persistence and degradability	Persistence. moderate. Not readily biodegradable.
Ethoxylated polyarylphenol sulfated (119432-41-6)	
Persistence and degradability	Not readily biodegradable.
Ethoxylated polyarylphenol sulfated (119432-41-6)	
Biodegradation	Biodegradability: The polymers typically show low biodegradability (< 50%) but they have no environmental concern due to the negligible bioaccumulation (log Pow <3).

12.3 Bioaccumulative potential

Mitron BX SC	
Partition coefficient n-octanol/water (Log Pow)	0.96 25°C
metamitron (ISO) (41394-05-2)	
Partition coefficient n-octanol/water (Log Pow)	0.85 (21°C; EC A.5)
1,2-benzisothiazol-3(2H)-one; (2634-33-5)	
Partition coefficient n-octanol/water (Log Pow)	0.7 (20 °C)
monoethylene glycol (107-21-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.36 (25 °C)

12.4 Mobility in soil

metamitron (ISO) (41394-05-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.94 (median of 15 soils)

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12.5 Results of PBT and vPvB assessment

Mitron BX SC	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
Ethoxylated polyarylphenol sulfated (119432-41-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Sodium Alkyl Naphthalene Sulphonate Formaldehyde Condensate (68425-94-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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

- Product : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Contaminated packaging : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (metamitron (ISO))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (metamitron (ISO))	Environmentally hazardous substance, liquid, n.o.s. (metamitron (ISO))

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Transport document description

UN 3082 ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (metamitron (ISO)),
9, III, (-)

UN 3082 ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (metamitron (ISO)),
9, III, MARINE POLLUTANT

UN 3082 Environmentally
hazardous substance, liquid, n.o.s.
(metamitron (ISO)), 9, III

14.3. Transport hazard class(es)

<p>9</p> 	<p>9</p> 	<p>9</p> 
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14.4. Packing group

III	III	III
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14.5. Environmental hazards

Dangerous for the environment:
Yes

Dangerous for the environment:
Yes
Marine pollutant: Yes

Dangerous for the environment:
Yes

No supplementary information available

14.6 Special precautions for user

Overland transport

Classification code (ADR)	:	M6
Special provisions (ADR)	:	274, 335, 375, 601
Limited quantities (ADR)	:	5I
Excepted quantities (ADR)	:	E1
Packing instructions (ADR)	:	P001, IBC03, LP01, R001
Special packing provisions (ADR)	:	PP1
Mixed packing provisions (ADR)	:	MP19
Portable tank and bulk container instructions (ADR)	:	T4
Portable tank and bulk container special provisions (ADR)	:	TP1, TP29
Tank code (ADR)	:	LGBV
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3

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Special provisions for carriage - Packages (ADR)	:	V12
Special provisions for carriage - Loading, unloading and handling (ADR)	:	CV13
Hazard identification number (Kemler No.)	:	90
Orange plates	:	<div>90</div> <div>3082</div>
Tunnel restriction code	:	-
EAC code	:	•3Z
Transport by sea		
Special provisions (IMDG)	:	274, 335, 969
Limited quantities (IMDG)	:	5 L
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	LP01, P001
Special packing provisions (IMDG)	:	PP1
IBC packing instructions (IMDG)	:	IBC03
Tank instructions (IMDG)	:	T4
Tank special provisions (IMDG)	:	TP1, TP29
EmS-No. (Fire)	:	F-A
EmS-No. (Spillage)	:	S-F
Stowage category (IMDG)	:	A
Air transport		
PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y964
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	964
PCA max net quantity (IATA)	:	450L
CAO packing instructions (IATA)	:	964
CAO max net quantity (IATA)	:	450L
Special provisions (IATA)	:	A97, A158, A197, A215
ERG code (IATA)	:	9L

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
Contains no substance(s) listed on the REACH Candidate List
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Directive 2012/18/EU (SEVESO III): E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

National regulations

No additional information available

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Full text of hazard statements referred to under Section 2 and 3.

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; . May produce an allergic reaction.
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.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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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. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:
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Aquatic Chronic 1	H410	On basis of test data
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Full text of other abbreviations

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road; ATE – Acute toxicity estimate; BCF - Bioconcentration factor; bw – Body weight; EC number – European Community number; ECx – Concentration associated with x % response; EmS – Emergency Schedule; ErCx – Concentration associated with x % growth rate response; GLP – Good Laboratory Practice; IATA – International Air Transport Association; IC50 – Half maximal inhibitory concentration; IMDG – International Maritime Dangerous Goods; IMO – International Maritime Organization; LC50 – Lethal Concentration to 50 % of a test population; LD50 – Lethal Dose to 50 % of a test population (Median Lethal Dose); M-factor – Multiplying factor; N.O.S. – Not Otherwise Specified; NO(A)EC – No Observed (Adverse) Effect Concentration; NO(A)EL – No Observed (Adverse) Effect Level; OECD – Organization for Economic Co-operation and Development; OEL – Occupational exposure limit; PBT – Persistent, Bioaccumulative and Toxic substance; SCL – Specific Concentration Limit; TWA – Time-weighted average; UFI – Unique formula identifier; UN – United Nations; vPvB – Very Persistent and Very Bioaccumulative

Other information

Other information : Complete revision.

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