SAFETY DATA SHEET
(in accordance with Regulation (EU) 2020/878)

ANTIPINCHAZOS

Version 1 Date of compilation: 27/05/2018
Version 2 (replaces version 1) Revision date: 21/03/2024 **Print date: 18/05/2024**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.
Product Name: Product ANTIPINCHAZOS
Code: N003
UFI: 7800-U0RP-S00A-13G5
1.2 Relevant identified uses of the substance or mixture and uses advised against.
Anti-puncture sealant for bicycle wheels.

Uses advised against:
Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **JOSE LASTRA CISNEROS**
Address: C/ DEL POZO, 8
City: 49002 - ZAMORA
Province: ZAMORA
Telephone: +34 980 532985
E-mail: navali@navali.es

1.4 Emergency telephone number: +34 980 532985 (Only available during office hours; Monday-Friday; 08:00-18:00)
general EU emergency numbers (112 / 116117)
ESPAÑA :Servicio de Información Toxicológica (Instituto Nacional de Toxicología y Ciencias Forenses) Teléfono: +34 91 5620420. Información en español (24h/365 días). Únicamente con la finalidad de proporcionar respuesta sanitaria en caso de urgencia.
FRANCE : ORFILA (INRS) : + 33 (0)1 45 42 59 59. 24 heures sur 24 et 7 jours sur 7.
CAV Policlinico "Umberto I"Roma V.le del Policlinico, 155 161T.:06-49978000 .Az. Osp. "Careggi" U.O. Tossicologia Medica Firenze Largo Brambilla, 3 50134 055-7947819.Osp. Niguarda Ca' Granda Milano Piazza Ospedale Maggiore,3 20162 02-66101029. Az. Osp. "A. Cardarelli" Napoli Via A. Cardarelli, 9 80131 081-5453333
PORTUGAL: Em caso de intoxicação contactar o Centro de Informação Antivenenos (CIAV) (+351) 800 250 250. Atendimento médico 24 horas por dia, 7 dias por semana.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.
The product is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008.

2.2 Label elements.
Precautionary statements:
P102 Keep out of reach of children.

EUH statements:
EUH208 Contains 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one. May produce an allergic reaction.

2.3 Other hazards.
The mixture does not contain substances classified as PBT.
The mixture does not contain substances classified as vPvB.
The mixture does not contain any endocrine disrupting properties substances.

The product may have the following additional risks:
DO NOT SWALLOW, DANGER OF SUFFOCATION DUE TO CLOGGING OF THE AIRWAYS.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.
Not applicable.

3.2 Mixtures.
Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
CAS No: 57-55-6 EC No: 200-338-0 Registration No: 01-2119456809-23-XXXX	[2] Propylene glycol	>= 50% < 75 %	-	-
CAS No: 9006-04-6 EC No: 232-689-0	[2] Rubber, natural	>=10% < 25%	-	-
Index No: 613-088-00-6 CAS No: 2634-33-5 EC No: 220-120-9 Registration No: 01-2120761540-60-XXXX	[2] 1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one	< 0,1%	Acute Tox. 4, H302 - Aquatic Acute 1, H400 - Aquatic Chronic 2, H411 - Eye Dam. 1, H318 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	Skin Sens. 1, H317: C ≥ 0,05 %

(*) *The complete text of the H phrases is given in section 16 of this Safety Data Sheet.*
, See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.*
[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.
Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation.
If breathing stops, seek emergency medical attention. Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.
Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.
Remove contaminated clothing.

Ingestion.
Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.
No known acute or delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed.
In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.
Suitable extinguishing media:
Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:
Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.
Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.
Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Fire protection equipment.
According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.
For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.
Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.
Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.
Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.
For exposure control and individual protection measures, see section 8.
For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.
The product does not require special handling measures, the following general measures are recommended:
For personal protection, see section 8.
In the application area, smoking, eating, and drinking must be prohibited.
Follow legislation on occupational health and safety.
Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.
The product does not require special storage measures.As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.
Keep away from oxidising agents and from highly acidic or alkaline materials.
Store the containers between 5 and 25 º C, in a dry and well-ventilated place.
Store according to local legislation. Observe indications on the label. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).
Producto antipinchazos para ruedas de bicicletas, sellado y tubelado.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³

Propylene glycol	57-55-6	United Kingdom [1]	**Eight hours**	150 (total vapour and particulares)	474 (total vapour and particulares) 10 (particulates)
			Short term		
Rubber, natural	9006-04-6	España [2]	**Eight hours**		0,001(vía dérmica,sensibilizante)
			Short term		
		Portugal [3] (n/a)	**Eight hours**		0,0001 (Fração inalável)
			Short term		
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one	2634-33-5	España [2]	**Eight hours**		0.1
			Short term		

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adobted by Health and Safety Executive.
[2] Según la lista de Valores Límite Ambientales de Exposición Profesional adoptados por el Instituto Nacional de Seguridad y Salud en el Trabajo (INSST) para el año 2023.
[3] De acordo com a Norma Portuguesa 1796 adotou pelo Instituto português de qualidade.
The product does NOT contain substances with Biological Limit Values.
Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	DNEL (Workers)	Dermal, Chronic, Systemic effects	0,966 (mg/kg bw/d)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	0,345 (mg/kg bw/d)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	6,81 (mg/m³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	1,2 (mg/m³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
Concentration levels PNEC:

Name	Details	Value
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	Oral (alimento)	1133 (mg/Kg)
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	Fresh water	4,03 (microg/L)
	Marine water	0,403 (microg/L)
	STP	1,03 (mg/L)
	Sendiment(freshwater)	0,049 (mg/Kg)
	Sediment (marine water)	0,00499 (mg/kg dry)
	Soil	3 (mg/kg dry)
	freshwater (intermittent releases)	1,1 (µg/L)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:
Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	**100 %**

Uses:	**Anti-puncture sealant for bicycle wheels.**
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.
Physical state: Liquid
Colour: white
Odour: CharacteristicOdour threshold: Not available
Melting point: Not available
Freezing point: Not available
Boiling point or initial boiling point and boiling range: 105 ºC (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)
Flammability: No combustible
Lower explosion limit: Not available
Upper explosion limit: Not available
Flash point: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
pH: 9.5 (100%)
Kinematic viscosity: Not available
Solubility: Not available
Hydrosolubility: Emulsionable
Liposolubility: Not available
Partition coefficient n-octanol/water (log value): Not available
Vapour pressure: 12,795 (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)
Absolute density: 1000 kg/m3
Relative density: 1
Relative vapour density: Not available
Particle characteristics: Not available

9.2 Other information
Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.
The product does not present hazards by their reactivity.

10.2 Chemical stability.
Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.
The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.
Avoid any improper handling.

10.5 Incompatible materials.
Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.
No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

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

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	Oral	LD50 LD50 LD50 LD50 [1] Ruddick, J.A. (1972). Toxicology, Metabolism and Biochemistry of 1, 2-Propanediol. Tox. Appl. Pharmacol. 21, 102-111. [2] Laug, et al. (1939). J. Ind. Hyg. Tox. Vol. 21, pgs. 173-201. [3] Smyth, H.F., Jr., J. Seaton, and L. Fischer. (1941). The single dose toxicity of some glycols and derivatives. J. Ind. Hyg. Tox.. 23:259-268. [4] Laug, et al. (1939). J. Ind. Hyg. Tox. Vol. 21, pgs. 173-201.	Rat Guinea pig Guinea pig Rabbit	22000 mg/kg bw [1] 19700 mg/kg bw [2] 18350 mg/kg bw [3] 18000 mg/kg bw [4]
	Dermal	LD50 [1] Raw Mater. Data Handb. (1974), Vol. 1, pg. 101, 1974, as cited in the RTECS.	Rabbit	20800 mg/kg bw [1]
	Inhalation			
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	Oral	DL50	Rat	532 mg/kg
	Dermal			
	Inhalation			

a) acute toxicity;
Not conclusive data for classification.

b) skin corrosion/irritation;
Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;
Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;
Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Not conclusive data for classification.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification.

11.2 Information on other hazards.
Endocrine disrupting properties
This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information
There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	Fish	LC50	O.mykiss	710 mg/L (96h)
	Aquatic invertebrates	EC50	D.magna	>1000 mg/L (48h)
	Aquatic plants	EC50	S.capricornutum	>1000 mg/L (72h)
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	Fish	LC50	O.mykiss	2.18 mg/L (96h) [1] [1] Method: OECD Test Guideline 203
	Aquatic invertebrates	EC50	Daphnia magna	2.9 mg/L (48 h) [1] [1] Study report according to OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
	Aquatic plants	CE50 NOEC	P.subcapitata P.subcapitata	0.11 mg/L (72h) [1] 0.0403 mg/L (72h) [2] [1] OECD Test Guideline 201 [2] Method: OECD Test Guideline 201

12.2 Persistence and degradability.
No information is available regarding the biodegradability of the substances present.
No information is available on the degradability of the substances present.
No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.
Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	-1,07	0,09	-	Very low
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	1,45	2	-	Very low

12.4 Mobility in soil.
No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.
No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.
This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.
The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.
Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.
Transportation is not dangerous.

14.2 UN proper shipping name.
Description:
ADR/RID: Not classified as hazardous for transport.
IMDG: Not classified as hazardous for transport.
ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).
Transportation is not dangerous.

14.4 Packing group.
Transportation is not dangerous.

14.5 Environmental hazards.
Transportation is not dangerous.
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.
Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.
Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION.

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

Volatile organic compound (VOC)
VOC content (p/p): 69,8 %
VOC content: 698 g/l

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.
The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.
Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	**Conditions of restriction**
3. Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, - tricks and jokes, - games for one or more participants, or any article intended to be used as such, even with ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: - can be used as fuel in decorative oil lamps for supply to the general public, and, - present an aspiration hazard and are labelled with H304, 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage'; (b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage'; (c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. .

Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Classification codes:
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2
Eye Dam. 1 : Serious eye damage, Category 1
Skin Irrit. 2 : Skin irritant, Category 2

Skin Sens. 1 : Skin sensitiser, Category 1

Changes regarding to the previous version:
- Changes in the information of the supplier (SECTION 1.3).
- Change in the emergency number (SECTION 1.4).
- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- Modifications in the first aid measures (SECTION 4.1).
- Modification in the firefighting measures (SECTION 5.2).
- Modifications in the accidental release measures (SECTION 6.1).
- Modifications in the handling and storage precautions (SECTION 7.1).
- Addition of exposure data (SECTION 8.1).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Modification of the information of the stability and reactivity conditions (SECTION 10.2).
- Modification of the information of the stability and reactivity conditions (SECTION 10.3).
- Modification of the information of the stability and reactivity conditions (SECTION 10.4).
- Modification of the information of the stability and reactivity conditions (SECTION 10.5).
- Modification of the information of the stability and reactivity conditions (SECTION 10.6).
- Addition of ecotoxicity values (SECTION 11.1).
- Change in the hazard classification (SECTION 11.1).
- Addition of ecological information values (SECTION 12.1).
- Addition of ecological information values (SECTION 12.3).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- National legislative changes (SECTION 15.1).
- Addition of abbreviations and acronyms (SECTION 16).

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

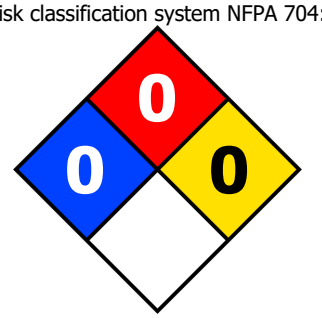
Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended that the product only be employed for the purposes advised.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
57-55-6	Propylene glycol	Registered
9006-04-6	Rubber, natural	
2634-33-5	1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one	Registered

Risk classification system NFPA 704:



Health hazard: 0 (Normal Material)

Flammability: 0 (Will not burn)

Reactivity: 0 (Stable)

Abbreviations and acronyms used:
AwSV: Facility Regulations for handling substances that are hazardous for the water.
BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be

considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
WGK: Water hazard classes.

Key literature references and sources for data:
http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.