Safety data sheet This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

8 NZYtech

CZ0222 - Laminarinase 16A, Thermotoga maritima

Date of	compilation: 23/06/	2020 Revised: 12/10/2023 Version: 2 (Replaced 1)
SEC	TION 1: IDENTIF	ICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1	Product identifi	er: CZ0222 - Laminarinase 16A, <i>Thermotoga maritima</i>
		Glycerol
	CAS:	56-81-5
	EC:	200-289-5
	Index:	Non-applicable
	REACH:	01-2119471987-18-XXXX
	Other means of	identification:
	Non-applicable	
1.2	Relevant identif	ied uses of the substance or mixture and uses advised against:
	Relevant uses: La	poratory. For professional users only.
	Uses advised agai	nst: All uses not specified in this section or in section 7.3
1.3	Details of the su	pplier of the safety data sheet:
1.4	1649-038 Lisboa info@nzytech.com www.nzytech.com	o Lumiar Campus do Lumiar - Edif. E, r/c - Lisboa - Portugal phone number: Contact Local Poison Information Center or Local Emergency Number
SEC	TION 2: HAZARD	S IDENTIFICATION **
2.1	Classification of	the substance or mixture:
	CLP Regulation	(EC) No 1272/2008:
	Classification of t	nis product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
	Eye Irrit. 2: Eye ir	ritation, Category 2, H319

Eye Irrit. 2: Eye irritation, Category 2, H319 Repr. 1B: Reproductive toxicity, Category 1B, H360D Skin Irrit. 2: Skin irritation, Category 2, H315

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

Danger



Hazard statements:

Repr. 1B: H360D - May damage the unborn child.

Precautionary statements:

P201: Obtain special instructions before use.

P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Substances that contribute to the classification

Imidazole (CAS: 288-32-4)

Additional Labelling:

Restricted to professional users

2.3 Other hazards:

** Changes with regards to the previous version

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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

Revised: 12/10/2023

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Chemical description: Mixture of substances

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification	Chemical name/Classification			
CAS:	288-32-4	Imidazole ⁽¹⁾		Self-classified	
EC: Index: REACH	206-019-2 Non-applicable : 01-2119485825-24- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Eye Dam. 1: H318; Repr. 1B: H360D; Skin Corr. 1C: H314 - Danger	 	1 - <2,5 %

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

3.2 Mixture:

Non-applicable

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acu	te toxicity	Genus
Imidazole	LD50 oral	500 mg/kg (ATEi)	
CAS: 288-32-4	LD50 dermal	Non-applicable	
EC: 206-019-2	LC50 inhalation	Non-applicable	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

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SECTION 4: FIRST AID MEASURES (continued)

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

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of c	compilation: 23/06/2020	Revised: 12/10	/2023 Ve	ersion: 2 (Replace	d 1)		
ECT	ION 7: HANDLING AND	STORAGE (conti	nued)				
	Product is non-flamma to avoid the generatio conditions and materia C Technical recommenda	n of electrostatic ch als that should be a	harges that can a voided.	ffect flammable p			
	PREGNANT WOMEN SI necessary safety condi equipment, especially drink during the proce D Technical recommenda	HOULD NOT BE EXF itions (emergency s on the hands and fa ss, washing hands a	POSED TO THIS showers and eye ice (See section & afterwards with s	PRODUCT. Transi wash stations in c 3). Limit manual tr	close proximity), ansfers to small	using person	al protection
	It is recommended to h	nave absorbent mate	erial available at	close proximity to	the product (Se	e subsection 6	5.3)
2	Conditions for safe stor	age, including any	y incompatibilit	ies:			
	A Technical measures for	r storage					
	Store in a cool, dry, we	ell-ventilated location	n				
	B General conditions for	storage					
	Avoid sources of heat,	radiation, static elec	ctricity and conta	ct with food. For a	additional inform	ation see sub	section 10.5
3	Specific end use(s):		,				
-	Except for the instructions	already specified it	is not necessary	to provide any sp	ecial recommen	dation regardi	ng the uses of this
ECT 1	ION 8: EXPOSURE CON Control parameters:					n OEL not co	untra anocific
	ION 8: EXPOSURE CON Control parameters: Substances whose occupat legislation):	tional exposure limit	ts have to be mo	nitored in the wor			untry-specific
	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc	tional exposure limit	ts have to be mo	nitored in the wor			untry-specific
	ION 8: EXPOSURE CON Control parameters: Substances whose occupat legislation):	tional exposure limit	ts have to be mo	nitored in the worl bstances containe	ed in the product	:	
	ION 8: EXPOSURE CON Control parameters: Substances whose occupated legislation): There are no applicable oc DNEL (Workers):	tional exposure limit	ts have to be mo	nitored in the worl bstances containe Short	ed in the product	Lo	ong exposure
	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc	tional exposure limit	ts have to be mo	nitored in the worl bstances containe	ed in the product	:	ong exposure
	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific	tional exposure limit	ts have to be more the su	nitored in the worl bstances containe Short	ed in the product exposure Local	Lo Systemic	ong exposure
	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole	tional exposure limit	ts have to be more e limits for the su Oral	nitored in the worl bstances containe Short Systemic Non-applicable	ed in the product exposure Local Non-applicable	Lo Systemic Non-applicable	Local Non-applicable
	ION 8: EXPOSURE CON Control parameters: Substances whose occupated legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4	tional exposure limit ecupational exposure	ts have to be mo e limits for the su Oral Dermal	nitored in the worl bstances containe Short Systemic Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable	Systemic Non-applicable 1,5 mg/kg	bong exposure Local Non-applicable Non-applicable
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupatilegislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2	tional exposure limit ecupational exposure	ts have to be mo e limits for the su Oral Dermal	nitored in the worl bstances containe Short Systemic Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable	Systemic Non-applicable 1,5 mg/kg	bong exposure Local Non-applicable Non-applicable
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population)	tional exposure limit ecupational exposure	ts have to be mo e limits for the su Oral Dermal	nitored in the worl bstances containe Short Systemic Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable	Systemic Non-applicable 1,5 mg/kg	bong exposure Local Non-applicable Non-applicable
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupatilegislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable	tional exposure limit ecupational exposure ration	ts have to be mo e limits for the su Oral Dermal	nitored in the worl bstances containe Short Systemic Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable	Systemic Non-applicable 1,5 mg/kg	bong exposure Local Non-applicable Non-applicable
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable PNEC: Identific Imidazole	tional exposure limit ecupational exposure ration	ts have to be more e limits for the su Oral Dermal Inhalation	nitored in the worl bstances containe Short Systemic Non-applicable Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable Non-applicable	Systemic Non-applicable 1,5 mg/kg	Image: Description of the second s
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable PNEC: Identific Imidazole CAS: 288-32-4	tional exposure limit ecupational exposure ration	ts have to be more e limits for the su Oral Dermal Inhalation STP Soil	hitored in the work bstances containe Systemic Non-applicable Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable Non-applicable	Image: Constraint of the system of the sy	Image: Description of exposure Local Non-applicable Non-applicable Non-applicable 0,13 mg/L
_	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable PNEC: Identific Imidazole	tional exposure limit ecupational exposure ration	ts have to be more e limits for the su Oral Dermal Inhalation STP Soil Intermittent	hitored in the work bstances containe Short Systemic Non-applicable Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable Non-applicable Fresh water Marine water Sediment (Fresh	Non-applicable 1,5 mg/kg 10,6 mg/m ³	Image: Description of exposure Local Non-applicable Non-applicable Non-applicable 0,13 mg/L 0,036 mg/kg
1	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable PNEC: Identific Imidazole CAS: 288-32-4	tional exposure limit ecupational exposure ration	ts have to be more e limits for the su Oral Dermal Inhalation STP Soil	hitored in the work bstances containe Systemic Non-applicable Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable Non-applicable	Non-applicable 1,5 mg/kg 10,6 mg/m ³	Image: Description of exposure Local Non-applicable Non-applicable Non-applicable 0,13 mg/L
	ION 8: EXPOSURE CON Control parameters: Substances whose occupar legislation): There are no applicable oc DNEL (Workers): Identific Imidazole CAS: 288-32-4 EC: 206-019-2 DNEL (General population Non-applicable PNEC: Identific Imidazole CAS: 288-32-4 EC: 206-019-2	tional exposure limit ecupational exposure ration on):	ts have to be more e limits for the su Oral Dermal Inhalation STP Soil Intermittent Oral	hitored in the work bstances containe Short Systemic Non-applicable Non-applicable Non-applicable	ed in the product exposure Local Non-applicable Non-applicable Non-applicable Fresh water Marine water Sediment (Fresh	Non-applicable 1,5 mg/kg 10,6 mg/m ³	Image: Description of exposure Local Non-applicable Non-applicable Non-applicable 0,13 mg/L 0,036 mg/kg



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		CONTROLS/PERSON				
	Pictogram	PPE	Labelling	CEN Standard		Remarks
	Mandatory respiratory tract protection	Filter mask for gases and vapours	CAT III	EN 405:2002+A1:2010	c	place when there is a taste or smell of the ontaminant inside the face mask. If the contaminant comes with warnings it is commended to use isolation equipment.
C	Specific protection	n for the hands				
	Pictogram	PPE	Labelling	CEN Standard		Remarks
	Mandatory hand protection	Chemical protective gloves (Material: PVC, Breakthrough time: > 480 min, Thickness: 0.7 mm)		EN ISO 21420:2020	Rep	lace the gloves at any sign of deterioration
D	Eye and face prot	ection				
	Pictogram	PPE	Labelling	CEN Standard		Remarks
	Mandatory face protection	Face shield		EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018		n daily and disinfect periodically according nanufacturer 's instructions. Use if there is risk of splashing.
E	Body protection	I				
	Pictogram	PPE	Labelling	CEN Standard		Remarks
	Mandatory complete body protection	Disposable clothing for protection against chemical risks	CAT III	EN 13034:2005+A1:2009 EN 168:2002 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN 464:1994		r professional use only. Clean periodically ording to the manufacturer's instructions.
	Mandatory foot protection	Safety footwear for protection against chemical risk		EN ISO 20345:2011 EN 13832-1:2019	R	eplace boots at any sign of deterioration.
F	Additional emerge	ency measures				
	Emergency mea	asure S	tandards	Emergency meas	sure	Standards
	Emergency sho	ISO 3864-1:20	ISI Z358-1 011, ISO 3864-4:20	11 Eyewash statio	ns	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Env	vironmental exp	osure controls:				
In a spil	accordance with th	e community legislation product and its container				nmended to avoid environmental .D
	-	ive 2010/75/EU, this pro	duct has the foll	owing characteristics		
	-			טייווש נוומו מננפווגנונג:		
	V.O.C. (Supply):		weight			
	V.O.C. density at	-	/m³ (0 g/L)			
	Average carbon n	iumper: Non-	applicable			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

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	3/06/2020 Revised: 12/10/2023 SICAL AND CHEMICAL PROPERTIE	Version: 2 (Replaced 1)
	e information see the product datasheet.	
Appearanc		
Physical stat		Liquid
Appearance		Not available
Colour:		Colourless
Odour:		Odourless
Odour threst	nold:	Non-applicable *
Volatility:		
	at atmospheric pressure:	Non-applicable *
	sure at 20 °C:	Non-applicable *
Vapour pres	sure at 50 °C:	Non-applicable *
Evaporation	rate at 20 °C:	Non-applicable *
Product de	•	
Density at 2) °C:	1110,8 kg/m ³
	sity at 20 °C:	1,111
Dynamic vise	cosity at 20 °C:	Non-applicable *
Kinematic vi	scosity at 20 °C:	Non-applicable *
Kinematic vi	scosity at 40 °C:	Non-applicable *
Concentratio	ר:	Non-applicable *
pH:		7,2
Vapour dens	ity at 20 °C:	Non-applicable *
Partition coe	fficient n-octanol/water 20 °C:	Non-applicable *
Solubility in	water at 20 ºC:	Non-applicable *
Solubility pro	operties:	Non-applicable *
Decompositi	on temperature:	Non-applicable *
Melting poin	t/freezing point:	Non-applicable *
Flammabil	ty:	
Flash Point:		Non Flammable (>60 °C)
Flammability	(solid, gas):	Non-applicable *
Autoignition	temperature:	480 °C
Lower flamn	nability limit:	Non-applicable *
Upper flamn	nability limit:	Non-applicable *
Particle ch	aracteristics:	
Median equi	valent diameter:	Non-applicable
2 Other infor	mation:	
Informatio	n with regard to physical hazard cla	ISSES:
Explosive pr		Non-applicable *
Oxidising pro		Non-applicable *
Corrosive to		Non-applicable *
Heat of com		Non-applicable *
	al percentage (by mass) of flammable	Non-applicable *
components		·····
	ion at 20 ºC:	Non-applicable *
*Net velocent	lue to the nature of the product, not providing info	ormation property of its hazards

Safety data sheet legislation

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Date of c	Pate of compilation: 23/06/2020 Revised: 12/10/2023 Version: 2 (Replaced 1)						
SECT	SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)						
	Refraction index: Non-applicable *						
	*Not relevant due to the nature o	f the product, not providing info	prmation property of its hazards.				
CECT	ION 10: STABILITY AND						
SECT.	ION IU. STADILITT AND	REACTIVIT					
10.1	Reactivity:						
10.2	No hazardous reactions are Safety Data Sheet. Chemical stability:	expected because the pro	oduct is stable under reco	mmended storage conditi	ons. See section 7 from		
	Chemically stable under the	indicated conditions of st	orage, handling and use.				
10.3	Possibility of hazardous	reactions:					
	Under the specified condition	ons, hazardous reactions t	hat lead to excessive temp	peratures or pressure are	not expected.		
10.4	Conditions to avoid:						
	Applicable for handling and	storage at room tempera	ture:				
	Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity		
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
10.5	Incompatible materials:						
	Acids	Water	Oxidising materials	Combustible materials	Others		
	Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalis or strong bases		

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - IARC: Non-applicable
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Reproductive toxicity: May damage the unborn child.

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SECT	ION 11: TOXICOLOGICAL	INFORMATION (continued)			
	E- Sensitizing effects:					
	 Schädzing creccs. Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3. Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. F- Specific target organ toxicity (STOT) - single exposure: 					
	this effect. For more info	the classification criteria are not rmation see section 3. Sity (STOT)-repeated exposure:		s not contain sub	stances classified as ha	azardous for
	it does not contain substa - Skin: Based on availab	oxicity (STOT)-repeated expose ances classified as hazardous f le data, the classification criteri For more information see sect	or this effect. I ia are not met,	or more informa	tion see section 3.	
	Based on available data, t this effect. For more info Other information:	the classification criteria are not rmation see section 3.	t met, as it doe	s not contain sub	stances classified as ha	azardous for
	Non-applicable					
	Specific toxicology inform	ation on the substances:				
		Identification		4	cute toxicity	Genus
	Imidazole CAS: 288-32-4			LD50 oral LD50 dermal	500 mg/kg (ATEi) >2000 mg/kg	
	EC: 206-019-2			LC50 inhalation	>5 mg/L	
	Endocrine-disrupting propertien Other information Non-applicable	es: The product does not meet	the criteria.			
	·····					
SECT	ION 12: ECOLOGICAL INF	ORMATION				
The e	unorimontal information relator	d to the eco-toxicological prope	rtion of the pro	duct itself is not		
Based For m		cation criteria are not met, as it				or this effect.
	Not available					
12.2	Persistence and degradab	ility:				
	Not available					
12.3	Bioaccumulative potential	:				
	Not available					
12.4	Mobility in soil:					
	Not available					
12.5	Results of PBT and vPvB a	assessment:				
	Product does not meet PBT/v	PvB criteria				
12.6	Endocrine disrupting prop	erties:				
	Endocrine-disrupting properti	es: The product does not meet	the criteria.			
12.7	Other adverse effects:					
	Not described					
			ON NEXT PAG			

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13.1 Waste treatment methods:

SECTION 13: DISPOSAL CONSIDERATIONS

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP10 Toxic for reproduction

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

14.2 14.3 14.4 14.5	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user Special regulations: Tunnel restriction code:	Non-applicable Non-applicable Non-applicable Non-applicable No Non-applicable No
	Physico-Chemical properties:	see section 9
	Limited quantities:	Non-applicable
14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
Transpo	t of dangerous goods by sea:	
With rega	rd to IMDG 40-20:	
	UN number or ID number: UN proper shipping name:	Non-applicable Non-applicable
	Transport hazard class(es): Labels:	Non-applicable Non-applicable
14.4	Packing group:	Non-applicable
14.5	Marine pollutant:	No
14.6	• •	
	Special regulations:	Non-applicable
	EmS Codes:	
	Physico-Chemical properties:	see section 9
	Limited quantities: Segregation group:	Non-applicable Non-applicable
147	Maritime transport in bulk	Non-applicable
14.7	according to IMO instruments:	Νοιι-αρρικαυιε
Transpo	rt of dangerous goods by air:	

Safety data sheet legislation

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Date of compilation:	23/06/2020 Revised: 12/	10/2023	Version: 2 (Replaced 1)
SECTION 14: T	RANSPORT INFORMATION (continued)	
With rega	ard to IATA/ICAO 2023:		
14.1	UN number or ID number:	Non-applicable	
14.2	UN proper shipping name:	Non-applicable	
14.3	Transport hazard class(es):	Non-applicable	
	Labels:	Non-applicable	
14.4	Packing group:	Non-applicable	
14.5	Environmental hazards:	No	
14.6	Special precautions for user		
	Physico-Chemical properties:	see section 9	
14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable	

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Product classified hazardous under the CMR. Sale and distribution to the general public is prohibited. Due to its CMR category, it is essential to apply the specific measures for workplace hazard prevention covered in articles 4 and 5 of the 2004/37/EC Directive and later modifications.

Shall not be used in:

and ashtravs.

-tricks and jokes,

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

** Changes with regards to the previous version

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SECTION 16: OTHER INFORM	ATION ** (continued)	
COMMISSION REGULATION CLP Regulation (EC) No 127 · Hazard statements		ON 16):
Texts of the legislative p H315: Causes skin irritation. H360D: May damage the ur H319: Causes serious eye i	born child.	tion 2:
Texts of the legislative p		tion 3:
	ot refer to the product itself	; they are present merely for informative purposes and refer to the
CLP Regulation (EC) No a Acute Tox. 4: H302 - Harmf Eye Dam. 1: H318 - Causes Repr. 1B: H360D - May dam Skin Corr. 1C: H314 - Cause	ul if swallowed. serious eye damage. age the unborn child.	e damage.
Advice related to training		
	order to prevent industrial	risks for staff using this product and to facilitate their comprehension and label on the product.
Principal bibliographical		•
http://echa.europa.eu http://eur-lex.europa.eu		
Abbreviations and acrony	/ms:	
IMDG: International maritin IATA: International Air Tran ICAO: International Civil Avi COD: Chemical Oxygen Der BOD5: 5day biochemical oxy	ne dangerous goods code nsport Association ation Organisation nand /gen demand	l carriage of dangerous goods by road
BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration EC50: Effective concentration	50	
LogPOW: Octanolwater par Koc: Partition coefficient of UFI: unique formula identif	tition coefficient organic carbon er	
IARC: International Agency	for Research on Cancer	

** Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.