

## SAFETY DATA SHEET Specific hazards

## Regulation (EU) 2020/878

Version 09 ESPPF373-A02-ENG

Date: 30/01/2023

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# **AMINOQUELANT Zn**

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

#### 1.1 Product identifier.

**Product Name: AMINOQUELANT Zn** 

Product Code: F0666, F0668, F0864, F0551, F0928, F2694, F2710, F2731, F2752, F2772 and other

codes that are being added with the same composition. K110-Y09H-H003-RCUH

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

Professional use Agricultural use

## Uses advised against:

Uses other than those recommended.

## 1.3 Details of the supplier of the safety data sheet.

**BIOIBERICA SAU** Company:

Address: C/ Antic Camí de Tordera 109-119

City: 08389 - Palafolls

Province: Barcelona

Telephone: +34 937 650 390 Fax: +34 934 909 711 E-mail: reach@bioiberica.com Web: www.bioiberica.com

## 1.4 Emergency telephone number:(Available 24h)

Bioiberica, SAU. \*Palafolls\* - ESPAÑA 34-93-765 03 90

Country	Link to the information	Other relevant information
Austria	https://goeg.at/Vergiftungsinformation	NEW https://goeg.at/viz
Belgium	https://www.poisoncentre.be/	
Bulgaria	https://www.moew.government.bg/bg/prevantivn a- dejnost/himichni-vestestva/klasifikaciya- clp/nacionalen-centur-po-toksikologiya/	The service is available 24/7 and the communication language isBulgarian
Croatia	https://www.imi.hr/hr/jedinica/centar-za-kontrolu- otrovanja/	Telephone no +3851 2348 342. Information available 24/7 inCroatian and English.
Cyprus	http://www.mlsi.gov.cy/mlsi/dli/dliup.nsf/All/44E02FF96 2E 75D0DC2257DDA00288E83?OpenDocument - Greek  http://www.mlsi.gov.cy/mlsi/dli/dliup.nsf/All/5D40BF12E B C2295BC2257E1100479BA9?OpenDocument - English	Phone number: 1401
Czech Republic	https://www.cenia.cz/odborna- podpora/reach/bezpecnostni-listy/	
Denmark	https://www.bispebjerghospital.dk/giftlinjen/Sider/defaul t.aspx	Danish Poison Center (Giftlinjen): +45 8212 1212
Estonia	https://www.terviseamet.ee/en/chemical-and- product-safety/data-for-safety-data-sheet	



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Finland	https://www.hus.fi/en/medical-care/medical-	Open 24 hours a day		
	services/Poison%20Information%20Centre/Pages/default.	0800 147 111 (the call is free of charge)		
	<u>aspx</u>	09 471 977		
France	https://reach-info.ineris.fr/Numero_orfila			
Germany	https://www.reach-clp-biozid-			
	helpdesk.de/DE/REACH/Sicherheitsdatenblatt/Sich			
	erheitsd atenblatt-EN/Emergency-Telephone-			
	number.html			
Greece	https://echa.europa.eu/documents/10162/23019181/po			
	is on info centre en.pdf/58b0f281-a6f8-4362-a0b9-			
	faad57c7fcff			
Hungary	https://www.nnk.gov.hu/index.php/kemiai-biztonsagi-	+36-80-201-199 (0-24h, free of charge)		
	es-kompetens-hatosagi-fo/egeszsegugyi-toxikologiai-			
	<u>tajekoztato-szolgalat</u>			
Iceland	http://www.landspitali.is/?PageID=14556			
Ireland	https://www.poisons.ie/			
Italy	https://preparatipericolosi.iss.it/cav.aspx			
Latvia	https://www.meteo.lv/en/lapas/environment/chemic			
	al- substances-reach/reach en?&id=1483&nid=410			
Liechtenstein	-			
Lithuania	http://www.apsinuodijau.lt/	+370 (85) 2362052		
Luxembourg	https://www.centreantipoisons.be/entreprises/english/	(+352) 8002 5500		
	ho w-declare/declarations-grand-duchy-luxembourg	Free telephone number with a 24/7		
		access. Experts answer allurgency		
		questions on dangerous products in		
		French, Dutch and English.		
Malta	https://deputyprimeminister.gov.mt/en/Pages/health.a	LIIBIISII.		
	spx			
Netherlands	https://www.umcutrecht.nl/nl/Subsites-	NVIC: +31 (0)88 755 8000: Only for the purpose of		
	nl/Nationaal- Vergiftigingen-Informatie-Centrum-	informing		
	(NVIC)/Productinformatie/Informationsheet-	medical personnel in case of acute intoxications'		
	<u>product-notification</u>	or in Dutch:		
		'Uitsluitend bestemd om professionele hulpverleners te informeren		
		bij acute vergiftigingen		
Norway	https://helsenorge.no/Giftinformasjon	bij dedice vergintignigen		
Poland	-			
Portugal	https://www.inem.pt/category/servicos/centro-de-	Portugal CIAV phone number: +351 800 250 250		
	informacao-antivenenos/			
Romania	-	Phone number: +40213183606		
Slovakia	http://www.ntic.sk/ntic_en.php?adr=safetydata	Phone number: +421 2 5477 4166		
Slovenia	-	Phone number: 112		
Spain	https://www.miteco.gob.es/es/calidad-y-	National Emergency Telephone Number of Spanish		
	evaluacion- ambiental/temas/productos-	Poison Centre: +34 91 562 04 20		
	quimicos/portal-reach-	The information will be provided in Spanish		
	clp/novedades/detalle novedades.aspx?id=tcm:30-	(available 24h/365days): health personnel		
	<u>193752-</u> <u>16</u>	& general public (poisoning cases)		
Sweden	https://giftinformation.se/servicemeny/in-			
-	english/chemical-			



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productsinformation-to-manufacturers-and- suppliers/
<u>suppliers/</u>

## **SECTION 2: HAZARDS IDENTIFICATION.**

#### 2.1 Classification of the substance or mixture.

In accordance with Regulation (EU) No 1272/2008:

Acute Tox. 4: Harmful if swallowed. Aquatic Acute 1: Very toxic to aquatic life.

Aquatic Chronic 1: Very toxic to aquatic life with long lasting effects.

Eye Dam. 1: Causes serious eye damage.

#### 2.2 Label elements.

## <u>Labelling in accordance with Regulation (EU) No 1272/2008:</u>

### Pictograms:







Signal Word:

## **Danger**

#### Hazard statements:

H302 Harmful if swallowed. H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

## P statements:

P102 Keep out of reach of children.

P270 Do not eat, drink or smoke when using this product.

P264 Wash thoroughly after handling. P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor

P391 Collect spillage.

P501 Dispose of contents/container according to the local legislation

#### Contains:

zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate)

Zinc nitrate tetrahydrate

#### 2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.



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The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

## 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:

			(*)Classification - Regulation (EC) No 1272/2008	
Identifiers	Name	Concentrate	Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 030-006-00-9 CAS No: 7446-19-7 EC No: 231-793-3	zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate)	20 - 25 %	Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Eye Dam. 1, H318	-
CAS No: 19154-63-3 EC No: 606-246-0	Zinc nitrate tetrahydrate	2.5 - <10 %	Acute Tox. 4, H302 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Eye Irrit. 2, H319 - Ox. Sol. 2, H272 - STOT SE 3, H335 - Skin Irrit. 2, H315	-
Index No: 607-736-00-7 CAS No: 140-01-2 EC No: 205-391-3 Registration No: 01- 2119474445-33-XXXX	N-carboxymethyliminobis (ethylenenitrilo)tetra (acetic acid)	1 - <10 %	Acute Tox. 4, H332 - STOT RE 2, H373(inhalación)	Inhalation: ETA = 1.5 mg/l (polvos o nieblas, ATP 14)

<sup>(\*)</sup>The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

## **SECTION 4: FIRST AID MEASURES.**

## 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

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

#### Eye contact.

<sup>\*</sup> See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.



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Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance.

Contact with eyes may cause irreversible damage.

## 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. Do not induce vomiting. If the person vomits, clear the respiratory tract.

#### **SECTION 5: FIREFIGHTING MEASURES.**

The product is NOT classified as flammable, in case of fire the following measures should be taken:

#### 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. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

## 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.



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#### 6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

#### 6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

## 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.

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.

Store according to local legislation. Observe indications on the label. Store the containers in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep in its original packaging, avoiding extreme conditions of humidity and temperature. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. 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).

Professional use. Agricultural use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

## 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.



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Concentration:	100 %		
Uses:	Professional use		
	Agricultural use		
Breathing protect			
PPE:	Filter mask for protection against gases and particles.		
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an		
CEN standards	anatomically designed form in order to be sealed and watertight.		
CEN standards:	EN 136, EN 140, EN 405		
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use.  Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.		
	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach		
Observations:	the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols:		
Observations.	P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.		
Filter Type needed			
Hand protection:			
PPE:	Protective gloves against chemicals.		
Characteristics:	«CE» marking, category III.		
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420		
02.1 010.100.00.			
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible.  Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or		
ivialiteriance.	adhesives.		
	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight.		
Observations:	Always use with clean, dry hands.		
	PVC (nolyviny) Breakthrough time Material		
Material:	chloride)   min.): > 480   thickness (mm): 0,35		
Eye protection:			
PPE:	Protective goggles with built-in frame.		
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection		
	against dust, smoke, fog and vapour.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors		
	should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses,		
Skin protection:	scraping etc.		
PPE:	Protective clothing.		
11 2.	«CE» marking, category II. Protective clothing should not be too tight or loose in		
Characteristics:	order not to obstruct the user's movements.		
CEN standards:	EN 340		
N.A.S. into manage	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by		
Maintenance:	the manufacturer.		
	The protective clothing should offer a level of comfort in line with the level of protection provided in		
Observations:	terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level		
	of activity and the expected time of use.		
PPE:	Work footwear.		
Characteristics:	«CE» marking, category II.		
CEN standards:	EN ISO 13287, EN 20347 This product adopts to the first user's fact chang. That is why, as well as far hygienia reasons, it should		
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:			
Observations:	not be used by other people.  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



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Colour: Yellow or amber Odour: Characteristic

Odour threshold: Not applicable/Not available due to the nature/properties of the product Melting point: Not applicable/Not available due to the nature/properties of the product Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: Not applicable/Not available due to the nature/properties

of the product

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: > 60 °C

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product Decomposition temperature: Not applicable/Not available due to the nature/properties of the product

pH: 4.5 - 5.5 (100%)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Solubility: Soluble Hydrosolubility: Soluble

Liposolubility: Not applicable/Not available due to the nature/properties of the product

Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of

the product

Vapour pressure: Not applicable/Not available due to the nature/properties of the product Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 1.22 - 1.32 g/cm<sup>3</sup>

Relative vapour density: Not applicable/Not available due to the nature/properties of the product Particle characteristics: Not applicable/Not available due to the nature/properties of the product

#### 9.2 Other information

Viscosity: Not applicable/Not available due to the nature/properties of the product

Explosive properties: Not applicable/Not available due to the nature/properties of the product Oxidizing properties: Not applicable/Not available due to the nature/properties of the product Dropping point: Not applicable/Not available due to the nature/properties of the product

Blink: 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.



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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) № 1272/2008.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name		Acute toxicity			
		Type	Test	Kind	Value
N-carboxymethyliminobis (ethylenenitrilo)tetra (acetic acid)		Oral			
		Dermal			
			ETA		1.5 mg/l [1]
CAS No: 140-01-2	EC No: 205-391-3	Inhalation	[1] (polvos	o nieblas), ATI	P 14

## a) acute toxicity;

Product classified:

Acute toxicity (Oral), Category 4: Harmful if swallowed.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 1.685 mg/kg

b) skin corrosion/irritation;

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.



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## h) STOT-single exposure;

Based on available data, the classification criteria are not met.

#### i) STOT-repeated exposure;

Based on available data, the classification criteria are not met.

#### 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.

No information is available regarding the ecotoxicity of the substances present.

## 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.

No information is available regarding the bioaccumulation of the substances present.

## 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.

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.



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Follow the provisions of Directive 2008/98/EC regarding waste management.

## **SECTION 14: TRANSPORT INFORMATION.**

This product is not subject to the requirements of the ADR due to the special provision n° 375 applicable to substances with the UN number 3082, since the product is transported in individual or combined containers containing a net quantity per individual or internal container of less than or equal to 5 liters for liquids.

Due to the special provision IATA Nº. A197 applicable to substances with UN number 3082, this product may be sent as "Not restricted-N. R." since the product is shipped in containers with a maximum net capacity of 5 L.

#### 14.1 UN number.

UN 3082

### 14.2 UN proper shipping name.

Description ADR - IMDG - ICAO/IATA:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains zinc sulfate (hydrate) (mono-, hexa-, and hepta-hydrate) and Zinc nitrate tetrahydrate, 9, PG III, (E)

## 14.3 Transport hazard class(es).

Class 9

#### 14.4 Packing group.

Paking group III

#### 14.5 Environmental hazards.

Environmentally hazardous substance.

## 14.6 Special precautions for user.

Label: 9



Hazard number : 90 ADR limited quantity: 5 l.

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-B Proceed in accordance with point 6.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

Transport by ship, FEm- Emergency sheets (F- Fire, S- Spills): F-A, S-F Act according to point 6.

#### **SECTION 15: REGULATORY INFORMATION.**

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



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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.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

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.

## 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:

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation
11272	

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.(inhalación)

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

## Classification codes:

Acute Tox. 4 : Acute toxicity (Inhalation), Category 4 Acute Tox. 4 : Acute toxicity (Oral), Category 4

Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1 Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1

Eye Dam. 1: Serious eye damage, Category 1

Eye Irrit. 2 : Eye irritation, Category 2 Ox. Sol. 2 : Oxidising solid, Category 2

STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2 STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

Skin Irrit. 2: Skin irritant, Category 2

Changes regarding to the previous version:

In section 1.4 include telephones numbers/links of European anti-poisons centers.

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



## SAFETY DATA SHEET Specific hazards

## **Regulation (EU) 2020/878**

# **AMINOQUELANT Zn**

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Physical hazards On basis of test data

Health hazards Calculation method

Environmental hazards Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

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 (EU) 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.