(in accordance with Regulation (EU) 2020/878)

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

1.1 Product identifier.

Product Name: Analizador de Dureza

Product Code: 0927

UFI: RS01-50NU-H001-KWSE

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

Reagent for analysis

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: FLUIDRA COMERCIAL ESPAÑA, S.A.U.

Address: Av. Alcalde Barnils, 69
City: 08174 Sant Cugat del Vallès

Province: Barcelona (España)
Telephone: telf: 902 42 32 22
Fax: +34 93 713 41 11
E-mail: fds@inquide.com

Web: www.ctxprofessional.com

1.4 Emergency telephone number: +34 93 724 39 00 (Only available during office hours; Monday-Friday; 08:00-18:00)

Anti poisoning centre: ITALY (Rome): 06/305 43 43 ITALY (Milan): 02/66 10 10 29 SPAIN: +34 91 562 04 20

FRANCE (Paris): 01 40 05 48 48 FRANCE (Tolousse): 05 61 77 74 47 FRANCE (Marseille): 04 91 75 25 25

PORTUGAL: 808 250 143

BELGIQUE (Brussel): (+32) 070 245 245

Sweden: 112 - Begär Giftinformation (ask for Poisons Information)

Denmark (Giftlinjen): +45 8212 1212

Finland: 0800 147 111 Norway: +47 22 59 13 00 Cyprus: 1401 Greece: (0030) 2107793777

Netherlands (NVIC): +31 (0)88 755 8000

Romania: +4021 318 360 6 Biroul RSI Si Informare Toxicologica

Apelabil de luni pâna vineri, între orele 8.00-15.00

CÁV accreditati: Roma +39 06 68 59 3726; Foggia +39 800 18 34 59; Napoli +39 081 54 53 333; Roma +39 06 49 97 80 00; Roma +39 06 30 54 343; Firenze +39 055 79 47 819; Pavia +39 0382 24 444; Milano +39 02 66 10 10 29; Bergamo +39 800 88 33 00; Verona +39 800 01 18 58.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EU) No 1272/2008: Flam. Liq. 2: Highly flammable liquid and vapour.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

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Pictograms:



Signal Word:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P242 Use non-sparking tools.

P280 Wear protective gloves/protective clothing/eye protection. P370+P378 In case of fire: Use appropriate extinguishing products.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents and/or container in accordance with hazardous waste regulations.

Contains: ethanol

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.

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	
: 603-002-00-5 : 64-17-5 : 200-578-6 : 01-2119457610-43-	ethanol	50 - 80 %	Flam. Liq. 2, H225	-	

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: 102-71-6 : 203-049-8 : 01-2119486482-31- XXXX	2,2',2"-nitrilotriethanol	10 - 25 %	-	-
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^(*) 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.

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. 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.

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.

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

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.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.

5.3 Advice for firefighters.

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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. Follow the instructions given in the emergency or fire evacuation plan or plans if available.

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. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. 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 fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use antistatic footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. 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 between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. 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.

Classification and threshold amount of storage in accordance with Annex I to Directive 2012/18/EU (SEVESO III):

Qualifying quantity (tonnes) for the application of

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Code	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5.000	50.000

7.3 Specific end use(s).

None in particular.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³
		United	Eight hours	1000	1920
		Kingdom [1]	Short term		
		Éire [2]	Eight hours		
		cire [2]	Short term	1000	
		Thalia [2]	Eight hours	1000	
ethanol	64-17-5	Italia [3]	Short term		
еспапоі	04-17-3	United States	Eight hours	1000	
		[4] (Cal/OSHA)	Short term		
		United States	Eight hours	1000	
		[5] (NIOSH)	Short term		
		United States	Eight hours	1000	1900
		[6] (OSHA)	Short term		
2,2',2"-nitrilotriethanol		Éiro [2]	Eight hours		5
	102-71-6	Éire [2]	Short term		
	102-71-0	Italia [3]	Eight hours		5
		Italia [3]	Short term		

^[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adobted by Health and Safety Executive.

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
ethanol CAS No: 64-17-5 EC No: 200-578-6	DNEL (Workers)	Inhalation, Chronic, Systemic effects	950 (mg/m³)
2 21 211 - "h	DNEL (Workers)	Inhalation, Chronic, Local effects	5 (mg/m ³)
2,2',2"-nitrilotriethanol CAS No: 102-71-6 EC No: 203-049-8	DNEL (Consumers)	Inhalation, Chronic, Local effects	1,25 (mg/m³)
EC NO: 203-049-8	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5 (mg/m ³)

^[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

^[3] Secondo il Decreto Legislativo del Governo n.277, 15/08/1991, il Decreto Legislativo n.66 ed il Decreto Ministeriale 26/02/2004.

^[4] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

^[5] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

^[6] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

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DNEL (Consumers)	Inhalation, Chronic, Systemic effects	1,25 (mg/m³)
DNEL (Workers)	Dermal, Chronic, Systemic effects	6,3 (mg/kg bw/day)
DNEL (Consumers)	Dermal, Chronic, Systemic effects	3,1 (mg/kg bw/day)
DNEL (Consumers)	Oral, Chronic, Systemic effects	13 (mg/kg bw/day)

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
	Fresh water	0,96 (mg/L)
	Marine water	0,79 (mg/L)
ethanol	aqua (intermittent releases)	2,75 (mg/L)
CAS No: 64-17-5	Soil	0,63 (mg/kg
EC No: 200-578-6		soil dw)
	sediment (freshwater)	3,6 (mg/kg
		sediment dw)
	aqua (freshwater)	0,32 (mg/L)
	aqua (marine water)	0,032 (mg/L)
	aqua (intermittent releases)	5,12 (mg/L)
2,2',2"-nitrilotriethanol	STP	10 (mg/L)
CAS No: 102-71-6	sediment (freshwater)	1,7 (mg/kg
EC No: 203-049-8		sediment dw)
LC No. 203-049-0	sediment (marine water)	0,17 (mg/kg
		sediment dw)
	soil	0,151 (mg/kg
		soil dw)

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

CAS: 64-17-5

TLV TWA - 1000 ppm, A4 - 1884,25 mg/m3, A4

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:	Reagent for analysis
Breathing protecti	ion:
PPE:	Particle filter mask
Characteristics:	«CE» marking, category III. Made of filtering material, it covers nose, mouth and chin.
CEN standards:	EN 149
Maintenance:	Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use.
Observations:	Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment.
Filter Type needed:	P2
Hand protection:	
PPE:	Protective gloves against chemicals.
Characteristics:	«CE» marking, category III.

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CEN standards: EN 374-1, En 374-2, EN 374-3, EN 420 Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Maintenance: Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or 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. Material thickness Breakthrough time Material: PVC (polyvinyl chloride) > 480 0,35 (min.): (mm): Eye protection: Protective goggles with built-in frame. PPF: «CE» marking, category II. Eye protector with built-in frame for protection against Characteristics: dust, smoke, fog and vapour. CEN standards: EN 165, EN 166, EN 167, EN 168 Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should Maintenance: be disinfected periodically following the manufacturer's instructions. Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, Observations: scraping etc. Skin protection: PPE: Chemical protective clothing «CE» marking, category III. Clothing should fit properly. The level of protection Characteristics: must be set according to a test parameter called BT (Breakthrough Time), which indicates how long it takes for the chemical to pass through the material. CEN standards: EN 464, EN 340, EN 943-1, EN 943-2, EN ISO 6529, EN ISO 6530, EN 13034 In order to guarantee uniform protection, follow the washing and maintenance instructions provided by Maintenance: the manufacturer. The protective clothing's design should facilitate correct positioning, staying in place without moving for Observations: the period of use expected, bearing in mind environmental factors as well as any movement or position the user might adopt while carrying out the activity. PPF: Anti-static safety footwear. Characteristics: «CE» marking, category II. EN ISO 13287, EN ISO 20344, EN ISO 20346 CEN standards: Maintenance: The footwear should be checked regularly The level of comfort during use and acceptability are factors that are assessed very differently depending Observations: on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid Colour: Dark blue Odour: Odorless

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: >80 °C

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

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

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

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Hydrosolubility: 100 %

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: 60,882 (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)

Absolute density: Not applicable/Not available due to the nature/properties of the product Relative density: 0,849 (Estimation based on the indication of the Regulation (CE) N°1272/2008.) 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.

Unstable in contact with:

- Acids.
- Bases
- Oxidizing agents.

10.3 Possibility of hazardous reactions.

In certain conditions this may cause a polymerization reaction.

10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.

10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

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			
Name	Туре	Test	Kind	Value

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			LD50	Rat	10470 mg/kg
			LD50	Rat	7060 mg/kg bw [1]
		Oral	2230	rac	7000 mg/ng 511 [1]
		Olai	F43		" D
ethanol				cology and App	blied Pharmacology. Vol. 16, Pg. 718,
etilatioi			1970		
			LD50	Rat	15800 mg/kg
		Dermal			5, 5
			LC50	Dat	20000 mg/l
		Inhalation	LCSU	Rat	30000 mg/l
CAS No: 64-17-5	EC No: 200-578-6				
			LD50	Rat	5530 mg/kg bw [1]
			LD50	Rat	6400 mg/kg bw [2]
		Oral			5 5 5 1
		Orai	[1] Natio	nal Tochnical I	nformation Service. Vol. OTS0516797
					illorifiation Service. vol. 0130310797
2,2',2"-nitrilotriethanol				y report, 1966.	
			LD50	Rabbit	> 22500 mg/kg bw [1]
		Dermal			
			Γ11 Unio	n Carbide Data	Sheet. Vol. 3/18/1965
			[01.1101		222 2 2, 23, 2300
CAC No. 102 71 C	FC No. 202 040 0	Inhalation			
CAS No: 102-71-6	EC No: 203-049-8				

a) acute toxicity;

Not conclusive data for classification.

- b) skin corrosion/irritation; Not conclusive data for classification.
- c) serious eye damage/irritation; Not conclusive data for classification.
- 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.
- 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.

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12.1 Toxicity.

N		Ecotoxicity				
Name		Туре	Test	Kind	Value	
			LC50 LC50	Carassius auratus Leuciscus idus	>5000 mg/L (24 h) [1] >10000 mg/l (48 h) [2]	
	Fish	[1] Experimental result, Study meets generally accepted scientific principles. however, exposure period only 24 h instead of 96 h according to recent guidelines (e.g. OECD 203). [2] Study meets generally accepted scientific principles. however, exposure period only 48 h instead of 96 h according to recent guidelines (e.g. OECD 203)				
2,2',2"-nitrilotriethanol		EC50 EC50	Artemia salina Daphnia magna	5600 mg/L (24 h) [1] 2038 mg/l (24 h) [2]		
	Aquatic invertebrates	petrochem [2] Results Daphnia m	s of the harmful effect	y GT and Conway RA, 1974. s of water pollutants to eproduction test. Kuehn R,		
			EC0 TTC EC50	Colpoda Scenedesmus quadricauda Scenedesmus subspicatus	160 mg/l [1] 715 mg/l (8 d) [2] 750 mg/l (48 h) [3]	
CAS No: 102-71-6 EC N	Aquatic plants	[1] Handbook of Environmental Data on Organic Chemicals, 2nd ed. Van Nostrand Reinhold Co., New York, USA: 518-519. [2] Testing of substances for their toxicity threshold: Model organisms Microcystis (Diplocystis) aeruginosa and Scenedesmus quadricauda. [3] Results of the harmful effects of water pollutants to green algae (Scenedesmus subspicatus) in the cell				

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		
ethanol		-0,3	_	_	Very low		
CAS No: 64-17-5	EC No: 200-578-6	-0,5	_	_	very low		
2,2',2"-nitrilotriethanol		-1	-	-	Very low		

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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.

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

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA

for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

<u>Sea</u>: Transport by ship: IMDG. Transport documentation: Bill of lading <u>Air</u>: Transport by plane: ICAO/IATA. Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN1993

14.2 UN proper shipping name.

Description:

ADR/RID: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL), 3, PG II, (D/E) IMDG: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL), 3, PG II (14°C) ICAO/IATA: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL), 3, PG II

14.3 Transport hazard class(es).

Class(es): 3

14.4 Packing group.

Packing group: II

14.5 Environmental hazards.

Marine pollutant: No

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E

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14.6 Special precautions for user.

Labels: 3



Hazard number: 33 ADR LQ: 1 L IMDG LQ: 1 L ICAO LQ: 1 L

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Proceed in accordance with point 6.

14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

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.

Volatile organic compound (VOC) VOC content (p/p): 79,9 % VOC content: 678,723 g/l

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): P5c $\,$

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.

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:

H225 Highly flammable liquid and vapour.

Classification codes:

Flam. Liq. 2: Flammable liquid, Category 2

(in accordance with Regulation (EU) 2020/878)

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Changes regarding to the previous version:

- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- 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 7.2).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Change in the hazard classification (SECTION 11.1).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- National legislative changes (SECTION 15.1).
- Elimination of abbreviations and acronyms (SECTION 16).
- 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 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:

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road.

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.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

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.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

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 (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.