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

192.0212.1-BINZEL ANTISPATTER 360º

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

1.1 Product identifier.

Product Name: BINZEL ANTISPATTER 360º
Product Code: 192.0212.1
UFI: 77QQ-JMRY-FEA2-WEUF

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

Antispatter

Uses advised against:
Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **ABICOR BINZEL IBERICA, S.L.**
Address: Pol. Ind. Erratzu, Pabellón 341
City: 20130 - Urnieta
Province: Guipúzcoa
Telephone: +34 943 33 53 52
E-mail: abicor@binzel.es

1.4 Emergency telephone number: Tel.: 943 33 53 52 / Fax.: 943 33 52 83 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.
In accordance with Regulation (EU) No 1272/2008:
Aerosol 3 : Pressurised container: May burst if heated.

2.2 Label elements.
Labelling in accordance with Regulation (EU) No 1272/2008:
Signal Word:
Warning
Hazard statements:

H229	Pressurised container: May burst if heated.

Precautionary statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 oC/122oF.
P102	Keep out of reach of children.

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.

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

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
: 603-019-00-8 : 115-10-6 : 204-065-8 : 01-2119472128-37-XXXX	[1] [2] dimethyl ether	10 - 25 %	Flam. Gas 1A, H220	-
: 102-71-6 : 203-049-8 : 01-2119486482-31-XXXX	[2] 2,2',2''-nitrilotriethanol	0 - 10 %	-	-
: 603-071-00-1 : 111-42-2 : 203-868-0 : 01-2119488930-28-XXXX	[2] 2,2'-iminodiethanol, diethanolamine	0 - 1 %	Acute Tox. 4 *, H302 - Eye Dam. 1, H318 - STOT RE 2 *, H373 ** - Skin Irrit. 2, H315	-

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

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.

In case of fire, as a general hazard, heat can cause containers to explode.

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

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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:
- Explosions.

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. Move containers away from the area if there is no danger in doing so. Keep away from containers and continue cooling them from a safe place.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.
Isolate the area and ensure adequate ventilation. Stockpiling in basements, pits or any confined space or depressed area can be hazardous. 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.
For personal protection, see section 8.
In the application area, smoking, eating, and drinking must be prohibited.
Follow legislation on occupational health and safety.
Pressurised gases must be handled by suitably trained and experienced individuals. Use equipment suitable for supply pressure and temperature. Protect containers against physical damage and keep valves clean and in perfect condition. Do not tamper with original packaging.

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 º 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. It must not be stored under conditions conducive to corrosion of the container. Protect containers against physical damage and inspect them regularly to ensure they are in good condition.

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

7.3 Specific end use(s).
Reservado a un uso profesional

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³
dimethyl ether	115-10-6	European Union [1]	**Eight hours**	1000	1920
			Short term		
		United Kingdom [2]	**Eight hours**	400	766
			Short term	500	958
		Éire [3]	**Eight hours**	1000	1920
			Short term		
2,2',2''-nitrilotriethanol	102-71-6	Éire [3]	**Eight hours**		5
			Short term		
2,2'-iminodiethanol, diethanolamine	111-42-2	Éire [3]	**Eight hours**	0,2	1(Inhalable fraction vapour)
			Short term		

[1] According both Binding Occupational Esposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).
[2] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adobted by Health and Safety Executive.
[3] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).
The product does NOT contain substances with Biological Limit Values.
Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
dimethyl ether CAS No: 115-10-6 EC No: 204-065-8	DNEL (Workers)	Inhalation, Chronic, Systemic effects	1894 (mg/m³)
2,2',2''-nitrilotriethanol CAS No: 102-71-6 EC No: 203-049-8	DNEL (Workers)	Inhalation, Chronic, Local effects	5 (mg/m³)
	DNEL (Consumers)	Inhalation, Chronic, Local effects	1,25 (mg/m³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5 (mg/m³)
	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)
2,2'-iminodiethanol, diethanolamine CAS No: 111-42-2 EC No: 203-868-0	DNEL (Workers)	Inhalation, Chronic, Local effects	1 (mg/m³)
	DNEL (Consumers)	Inhalation, Chronic, Local effects	0,25 (mg/m³)
	DNEL (Workers)	Dermal, Chronic, Systemic effects	0,13 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	0,07 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	0,06 (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.

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Concentration levels PNEC:

Name	Details	Value
2,2',2"-nitrilotriethanol CAS No: 102-71-6 EC No: 203-049-8	aqua (freshwater)	0,32 (mg/L)
	aqua (marine water)	0,032 (mg/L)
	aqua (intermittent releases)	5,12 (mg/L)
	STP	10 (mg/L)
	sediment (freshwater)	1,7 (mg/kg sediment dw)
	sediment (marine water)	0,17 (mg/kg sediment dw)
	soil	0,151 (mg/kg soil dw)
2,2'-iminodiethanol, diethanolamine CAS No: 111-42-2 EC No: 203-868-0	aqua (freshwater)	0,0022 (mg/L)
	aqua (marine water)	0,00022 (mg/L)
	aqua (intermittent releases)	0,022 (mg/L)
	STP	100 (mg/L)
	sediment (freshwater)	0,012 (mg/kg sediment dw)
	sediment (marine water)	0,0012 (mg/kg sediment dw)
	soil	0,0011 (mg/kg soil dw)
	oral (Hazard for predators)	1,04 (mg/kg food)

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

8.2 Exposure controls.

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

Concentration:	**100 %**
Uses:	**Antispatter**
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.
Physical state: Liquid
Colour: White
Odour: Carácteristico
Odour threshold: Not applicable/Not available due to the nature/properties of the product

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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: >250 ºC
Flammability: El producto no es inflamable
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: -28 ºC
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: 8 (100%)
Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product
Solubility: Soluble en agua
Hydrosolubility: Not applicable/Not available due to the nature/properties of the product
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: 0.98
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.
Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

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

SECTION 11: TOXICOLOGICAL INFORMATION.

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

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
2,2',2''-nitrilotriethanol	Oral	LD50	Rat	5530 mg/kg bw [1]
		LD50	Rat	6400 mg/kg bw [2]
		[1] National Technical Information Service. Vol. OTS0516797 [2] Study report, 1966.		
	Dermal	LD50	Rabbit	> 22500 mg/kg bw [1]

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		[1] Union Carbide Data Sheet. Vol. 3/18/1965
CAS No: 102-71-6 EC No: 203-049-8	Inhalation	
2,2'-iminodiethanol, diethanolamine	Oral	LD50 Rat 1600 mg/kg bw [1] LD50 Rat (female) 1820 mg/kg bw [2] [1] Study report, 1966. [2] Experimental result. Data taken from review or handbook.
	Dermal	LD50 Rabbit 8380 mg/kg bw [1] [1] National Technical Information Service. Vol. OTS0516797
CAS No: 111-42-2 EC No: 203-868-0	Inhalation	LC0 Rat 3.35 mg/L air (4 h) [1] [1] Experimental result, Basic data given.

a) acute toxicity;
Not conclusive data for classification.

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

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

d) respiratory or skin sensitisation;
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;
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.

Name	Ecotoxicity			
	Type	Test	Kind	Value
2,2',2"-nitrilotriethanol	Fish	LC50 LC50	Carassius auratus Leuciscus idus	>5000 mg/L (24 h) [1] >10000 mg/l (48 h) [2]

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		[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)
	Aquatic invertebrates	EC50 Artemia salina 5600 mg/L (24 h) [1] EC50 Daphnia magna 2038 mg/l (24 h) [2] [1] Brine shrimp bioassay and seawater BOD of petrochemicals. Price KS, Waggy GT and Conway RA, 1974. [2] Results of the harmful effects of water pollutants to Daphnia magna in the 21 day reproduction test. Kuehn R, Pattard M, Pernak KD and Winter A. 1989.
CAS No: 102-71-6 EC No: 203-049-8	Aquatic plants	EC0 Colpoda 160 mg/l [1] TTC Scenedesmus quadricauda 715 mg/l (8 d) [2] EC50 Scenedesmus subspicatus 750 mg/l (48 h) [3] [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 multiplication inhibition test.
2,2'-iminodiethanol, diethanolamine	Fish	LC50 Pimephales promelas 1480 mg/l (96 h) [1] LC50 Lepomis macrochirus 1850 mg/L (48 h) [2] [1] Mayes, M.A., H.C. Alexander, and D.C. Dill 1983. A Study to Assess the Influence of Age on the Response of Fathead Minnows in Static Acute Toxicity Tests. Bull.Environ.Contam.Toxicol. 31(2):139-147 [2] Toxicity of various refinery materials to fresh water fish, Turnbull H et al. 1954.
	Aquatic invertebrates	EC50 Ceriodaphnia dubia 89.9 mg/L (48 h) [1] EC50 Daphnia magna 171 mg/L (48 h) [2] [1] A comparison of the effect of four benchmark chemicals on Daphnia magna and Ceriodaphnia dubia-affinis tested at two different temperatures, Cowgill UM, Takahashi IT, and Applegath SL. 1985. [2] Ecotoxicological evaluation of diethanolamine using a battery of microbiotests, Zurita et al. 2005.
CAS No: 111-42-2 EC No: 203-868-0	Aquatic plants	EC50 Pseudokirchnerella subcapitata 2.2 mg/l (96 h) [1] EC50 Ankistrodesmus bibraianus >100 mg/l (72 h) [2] EC50 Desmodesmus subspicatus 7.8 mg/l (72 h) [3] [1] Experimental result, Scientifically acceptable study on GLP conditions with acceptable restrictions (e.g. test concentrations were not confirmed by chemical analysis). [2] Study report, 1992. [3] Study report, 1992.

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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
dimethyl ether CAS No: 115-10-6 EC No: 204-065-8	0,1	-	-	Very low
2,2',2''-nitrilotriethanol CAS No: 102-71-6 EC No: 203-049-8	-1	-	-	Very low
2,2'-iminodiethanol, diethanolamine CAS No: 111-42-2 EC No: 203-868-0	-1,43	-	-	Very low

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

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

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

12.7 Other adverse effects.
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
Sea: Transport by ship: IMDG.
Transport documentation: Bill of lading
Air: Transport by plane: ICAO/IATA.
Transport document: Airway bill.

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14.1 UN number or ID number.
UN No: UN1950

14.2 UN proper shipping name.
Description:
ADR/RID: UN 1950, AEROSOLS, 2.2, (E)
IMDG: UN 1950, AEROSOLS, 2.2
ICAO/IATA: UN 1950, AEROSOLS, 2.2

14.3 Transport hazard class(es).
Class(es): 2

14.4 Packing group.
Packing group: Not applicable.

14.5 Environmental hazards.
Marine pollutant: No
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-D,S-U

14.6 Special precautions for user.
Labels: 2.2

Hazard number: Not applicable.
ADR LQ: 1 L
IMDG LQ: 120 ml
ICAO LQ: 30 kg B

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.

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:

H220 Extremely flammable gas.

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H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aerosol 3 : Aerosol, Category 3
Eye Dam. 1 : Serious eye damage, Category 1
Flam. Gas 1A : Flammable gas, Category 1A
STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2
Skin Irrit. 2 : Skin irritant, Category 2

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

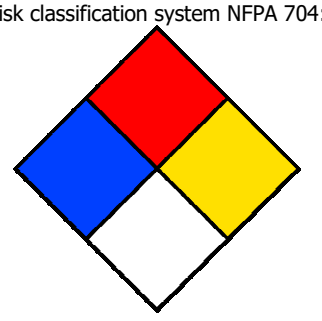
Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

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

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

CAS No	Name	State
115-10-6	dimethyl ether	
102-71-6	2,2',2''-nitrilotriethanol	
111-42-2	2,2'-iminodiethanol, diethanolamine	

Risk classification system NFPA 704:



Abbreviations and acronyms used:

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

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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.

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.

-End of safety data sheet.-