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

1.1 Product identifier.

Product Name: NanoProtector Product Code: 04_5026

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

impregnate for footwear and textiles

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: KAPS Sp. z o.o.
Address: ul. Przemys3owa 40
City: Rzezawa 32-765

Province: POLAND

Telephone: +48 14 612 77 30 Fax: +48 14 612 77 14 E-mail: kaps@kaps.com.pl Web: http://www.kaps.com.pl

1.4 Emergency telephone number: +48 14 612 77 30 (Only available during office hours; Monday-Friday; 08:00-16:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

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

Aerosol 1: Pressurised container: May burst if heated.

Eye Irrit. 2 : Causes serious eye irritation. STOT SE 3 : May cause drowsiness or dizziness.

2.2 Label elements.

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

Pictograms:





Signal Word:

Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Precautionary statements:

P102 Keep out of reach of children.

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

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P271 Use only outdoors or in a well-ventilated area.

P403 Store in a well-ventilated place.

Contains:

propan-2-ol, isopropyl alcohol, isopropanol

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 No 1272/2008		
Identifiers	Identifiers Name		Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 603-117- 00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01- 2119457558-25-XXXX	[2] propan-2-ol, isopropyl alcohol, isopropanol	20 - 50 %	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-
Index No: 607-024- 00-6 CAS No: 108-21-4 EC No: 203-561-1 Registration No: 01- 2119537214-46-XXXX	[2] isopropyl acetate	0 - 10 %	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-

^(*) 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. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eve 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. Don't 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.

^[2] Substance with a national workplace exposure limit (see section 8.1).

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Ingestion.

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

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

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. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

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

The product is Extremely 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.
- 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. Follow the instructions given in the emergency or fire evacuation plan or plans if available. 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. 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. 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.

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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.

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 ° 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.

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

		Qualifying quant the applic	* ` `
Code	Description	Lower-tier requirements	Upper-tier requirements
P3a	FLAMMABLE AEROSOLS (net)	150	500

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³		
propan-2-ol, isopropyl alcohol,	67-63-0	United	Eight hours	400	999		
isopropanol		Kingdom [1]	Short term	500	1250		
		Éire [2]	Eight hours 200				
		Life [2]	Short term	400			
		United States	Eight hours	400			
		[3] (Cal/OSHA)	Short term	500			
		United States	Eight hours	400			
	[4] (1	[4] (NIOSH)	Short term	500			

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		United States	Eight hours	400	980
		[5] (OSHA)	Short term		
		United	Eight hours		
isopropyl acetate		Kingdom [1]	Short term	200	849
	108-21-4	United States	Eight hours	250	
	100-21-4	[3] (Cal/OSHA)	Short term	310	
		United States	Eight hours	250	950
		[5] (OSHA)	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
	DNEL	Inhalation, Chronic, Systemic effects	500
	(Workers)		(mg/m³)
	DNEL	Inhalation, Chronic, Systemic effects	89
	(Consumers)		(mg/m³)
propan-2-ol, isopropyl alcohol, isopropanol	DNEL	Dermal, Chronic, Systemic effects	888
CAS No: 67-63-0 EC No: 200-661-7	(Workers)		(mg/kg
			bw/day)
LC No. 200-001-7	DNEL	Dermal, Chronic, Systemic effects	319
	(Consumers)		(mg/kg
			bw/day)
	DNEL	Oral, Chronic, Systemic effects	26 (mg/kg
	(Consumers)		bw/day)
	DNEL	Inhalation, Chronic, Local effects	420
	(Workers)		(mg/m³)
	DNEL	Inhalation, Chronic, Local effects	252
	(Consumers)		(mg/m³)
	DNEL	Inhalation, Chronic, Systemic effects	420
	(Workers)		(mg/m³)
	DNEL	Inhalation, Chronic, Systemic effects	252
isopropyl acetate	(Consumers)		(mg/m³)
CAS No: 108-21-4	DNEL	Inhalation, Short term, Systemic effects	850
EC No: 203-561-1	(Workers)		(mg/m³)
LC No. 203 301 1	DNEL	Inhalation, Short term, Systemic effects	510
	(Consumers)		(mg/m³)
	DNEL	Dermal, Chronic, Systemic effects	43 (mg/kg
	(Workers)		bw/day)
	DNEL	Dermal, Chronic, Systemic effects	26 (mg/kg
	(Consumers)		bw/day)
	DNEL	Oral, Chronic, Systemic effects	26 (mg/kg
	(Consumers)		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
propan-2-ol, isopropyl alcohol, isopropanol	aqua (freshwater)	140,9 (mg/L)
CAS No: 67-63-0	aqua (marine water)	140,9 (mg/L)
EC No: 200-661-7	agua (intermittent releases)	140.9 (mg/L)

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

^[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

^[4] 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.

^[5] 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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	1	
	sediment (freshwater)	552 (mg/kg
		sediment dw)
	sediment (marine water)	552 (mg/kg
		sediment dw)
	Soil	28 (mg/kg
		soil dw)
	STP	2251 (mg/L)
	oral (Hazard for predators)	160 (mg/kg
		food)
	aqua (freshwater)	0,22 (mg/L)
	aqua (marine water)	0,022 (mg/L)
	aqua (intermittent releases)	1,1 (mg/L)
isopropyl acetate	STP	190 (mg/L)
CAS No: 108-21-4	sediment (freshwater)	1,25 (mg/kg
EC No: 203-561-1		sediment dw)
LC NO. 203-301-1	sediment (marine water)	0,125 (mg/kg
		sediment dw)
	soil	0,35 (mg/kg
		soil dw)

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:	impregnate for footwear and textiles				
Breathing protect	tion:				
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 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.				
Observations:	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.				
Filter Type needed:					
Hand protection:					
PPE:	Work gloves.				
Characteristics:	«CE» marking, category I.				
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420				
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 adhesives.				
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.				
Material:	PVC (polyvinyl chloride) Breakthrough time (min.): Material thickness (mm): 0,35				
Eye protection:					
If the product is ha	ndled correctly, no individual protection equipment is necessary.				
Skin protection:					
PPE:	Anti-static protective clothing.				
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.				
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5				
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.				

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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

of activity and the expected time of use.

PPE: Anti-static safety footwear. Characteristics: «CE» marking, category II.

CEN standards: EN ISO 13287, EN ISO 20344, EN ISO 20346

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

Colour: colorless Odour: charakteristic

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: -14 °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: 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 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: Not applicable/Not available due to the nature/properties of the product 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.

If the storage conditions are satisfied, does not produce dangerous reactions.

10.2 Chemical stability.

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

10.3 Possibility of hazardous reactions.

Extremely flammable aerosol.

Pressurised container: May burst if heated.

10.4 Conditions to avoid.

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Avoid the following conditions:

- High temperature.
- Static discharge.
- Contact with incompatible materials.
- Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.

10.5 Incompatible materials.

Avoid the following materials:

- Explosives materials.
- Toxic materials.
- Oxidizing materials.

10.6 Hazardous decomposition products.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. Splashes in the eyes can cause irritation.

IRRITANT MIXTURE. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

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

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Toxicological information about the substances present in the composition.

Name		Acute toxicity			
Name	Туре	Test	Kind	Value	
		LD50	Rat	5050 mg/kg bw [1]	
	Oral		i Sanitariya. Fo Pg. 8, 1978	or English translation, see HYSAAV.	
propan-2-ol, isopropyl alcohol, isopropanol		LD50	Rabbit	12800 mg/kg bw [1]	
	Dermal	1	aterial Data Har 1, Pg. 100, 197	ndbook, Vol.1: Organic Solvents, 4	
		LC50	Rat	>10000 ppm (6 h) [1]	
CAS No: 67-63-0 EC No: 200-661-7	Inhalation	[1] OECD (`	acute Inhalation Toxicity), study	
isopropyl acetate		LD50	Rat	6750 mg/kg bw [1]	
	Oral	[1] Union (Carbide Data Sh	eet. Vol. 3/24/1970	
		LD50	Rabbit	> 17400 mg/kg bw [1]	
	Dermal	[1] AMA Archives of Industrial Hygiene and Occupational Medicine. Vol. 10, Pg. 61, 1954			
	Inhalation	LC50	Rat (female)	50600 mg/m³ air (8 h) [1]	
CAS No: 108-21-4 EC No: 203-561-1		[1] Evnerin	nental result 10	959. The Toxicological Basis of	
		1		The Experimental Inhalation of	
		I		ith Notes upon the relationship	
between single o				etween single dose inhalation and single dose oral data.	
		Pozzani, U.	.C., Weil, C.S. a	nd Carpenter, C.P. 1959.	

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

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c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

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;

Product classified:

Specific target organ toxicity following a single exposure, Category 3: May cause drowsiness or dizziness.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
Name	Туре	Test	Kind	Value
propan-2-ol, isopropyl alcohol, isopropanol		LC50	Fish	9640 mg/l (96 h) [1]
	Fish	1984. Acut Minnows (F	e Toxicities of Organ Pimephales promelas nvironmental Stud., U	Geiger, and C.E. Northcott ic Chemicals to Fathead), Vol. 1. Center for Lake Jniv.of Wisconsin-Superior,
	Aquatic	LC50	Crustacean	1400 mg/l (48 h) [1]
	invertebrates		an, R.A.A. 1974. Tox Bull. 5:116-118	icity of Oil-Sinking Agents.
	Aquatic plants	Toxicity threshold	Scenedesmus quadricauda	1800 mg/L (7 d) [1]
CAS No: 67-63-0 EC No: 200-661-7				
		Pollutants t	o Bacteria, Algae, ar on Inhibition Test, W	Thresholds of Water nd Protozoa in the Cell /ater Research Vol. 14. pp.
isopropyl acetate	Fish	LC50	Leuciscus idus melanotus	360 mg/l (48 h) [1]

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				978. Bestimmung der Wirkung von Fische, DIN38412 Teil 15. draft	
		Aquatic invertebrates	EC50 Daphnia magna 1260 mg/l (24 h) [1]		
		litvertebrates	[1] Experimental result, 1977. DIN 38412 pt 11		
			C50 Pseudokirchn a subcapitata	3/0 mg/L(// h) [1]	
		Aquatic plants			
CAS No: 108-21-4	EC No: 203-561-1		1] Review article or hand Alga, Growth Inhibition T	lbook, 1999. OECD Guideline 201 Fest).	

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	
propan-2-ol, isopropyl al	opan-2-ol, isopropyl alcohol, isopropanol				Van daw	
CAS No: 67-63-0	EC No: 200-661-7	0,05	-	-	Very low	
isopropyl acetate		1.02	_		Von Jou	
CAS No: 108-21-4	EC No: 203-561-1	1,02	-	-	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.

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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.

14.1 UN number or ID number.

UN No: UN1950

14.2 UN proper shipping name.

Description:

ADR/RID: UN 1950, AEROSOLS, 2.1, (D)
IMDG: UN 1950, AEROSOLS, 2.1
ICAO/IATA: UN 1950, AEROSOLS, 2.1

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: 2.1



Hazard number: Not applicable.

ADR LQ: 1 L IMDG LQ: 1 L

ICAO LQ: Not applicable.

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): P3a

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

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

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Designation of the substance, of the	Conditions of restriction
group of substances or of the mixture	
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI o Regulation (EC) No 1272/2008 or not.	1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: - metallic glitter intended mainly for decoration, - artificial snow and frost, - 'whoopee' cushions, - silly string aerosols, - imitation excrement, - horns for parties, - decorative flakes and foams, - artificial cobwebs, - stink bombs. 2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with: 'For professional users only'. 3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2). 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

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. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Classification codes:

Aerosol 1 : Flammable aerosol, Category 1 Eye Irrit. 2 : Eye irritation, Category 2 Flam. Liq. 2 : Flammable liquid, Category 2

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

Changes regarding to the previous version:

- Removal of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Modification of specific hazards (SECTION 2.3).
- Changes in the composition of the product (SECTION 3.2).
- Modification in the firefighting measures (SECTION 5.2).
- Modification in the firefighting measures (SECTION 5.3).
- Modifications in the accidental release measures (SECTION 6.1).
- Modification of exposure data (SECTION 8.1).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Modification of toxicity values (SECTION 11.1).
- Change in the hazard classification (SECTION 11.1).
- Modification of ecological information values (SECTION 12.1).
- Modification of ecological information values (SECTION 12.3).

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- 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.

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.

Key literature references and sources for data:

http://eur-lex.europa.eu/homepage.html

http://echa.europa.eu/

Regulation (EU) 2020/878. Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

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

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