

GIORGIO GRAESAN AND FRIENDS	Product safety information note
	Pursuant to REACH (article 32)
	EUPHORIA ORO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/BUSINESS	
1.1 Product identification:	EUPHORIA ORO
Other means of identification: Not applicable	
1.2 Identified relevant uses of the substance or mixture and uses advised against: Relevant uses: Paints and varnishes. For professional use only Uses advised against: Any use not specified in this section or in section 7.3	
1.3 Safety data sheet supplier information: GIORGIO GRAESAN AND FRIENDS S.A.S. via Bergamo, 24, 20037 Paderno Dugnano MI ITALY Telephone: +39 0299039563 tecnico@giorgiograesan.it	
1.4 Emergency telephone number:	CAV Niguarda Hospital (Poison Control Centre) – Milan - Tel. (+39) 02.66.1010.29 CAV National Toxicological Information Centre (Poison Control Centre) – Pavia - Tel. (+39) 0382.24.444 CAV Papa Giovanni XXIII Hospital (Poison Control Centre) – Bergamo - Tel. 800.88.33.00 CAV Veneto (Poison Control Centre) – Verona - Tel. 800.011.858 CAV "Bambino Gesù" Paediatric Hospital (Poison Control Centre) – Rome - Tel. (+39) 06.6859.3726 CAV "Umberto I" University Hospital (Poison Control Centre) – Rome - Tel. (+39) 06.4997.8000 CAV "A. Gemelli" University Hospital (Poison Control Centre) – Rome - Tel. (+39) 06.305.4343 CAV "Careggi" Hospital (Poison Control Centre) Medical Toxicology O.U – Florence - Tel. (+39) 055.794.7819 CAV Foggia University Hospital (Poison Control Centre) – Foggia - Tel. 800.183.459 CAV "A. Cardarelli" Hospital (Poison Control Centre) – Naples - Tel. (+39) 081.545.3333

SECTION 2: IDENTIFICATION OF HAZARDS	
2.1 Classification of the substance or mixture:	
Regulation No. 1272/2008 (CLP): In accordance with Regulation No. 1272/2008 (CLP), the product is not classified as hazardous	
2.2 Label elements:	
Regulation No. 1272/2008 (CLP):	
Hazard indications: Not applicable	
Precautionary statements: Not applicable	
Additional information: EUH208: Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May cause an allergic reaction. EUH210: Safety data sheet available on request	
2.3 Other hazards: The product does not meet the PTB/vPvB criteria The product does not meet the criteria for endocrine disrupting properties	

- Continued on the next page -			
CODE: SDS2120_00	Date of compilation: 04/01/2024	Revision: 00	Page 1/11

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:


Not applicable

3.2 Mixtures:


Chemical description: Water-based dispersion

Components:

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

Identification	Chemical name/classification	Conc.
CAS No: 55965-84-9 EC: Not applicable Index: 613-167-00-5 REACH: Not applicable	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)⁽¹⁾ Regulation 1272/2008 Acute Tox. 2: H310+H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; EUH071 - Hazard	ATP ATP13  <1.0 %

Note: Upper value of the range excluded.

Identification	Chemical name/classification	Conc.
CAS No: 2634-33-5 EC: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60-XXXX	1,2-benzisothiazol-3(2H)-one⁽¹⁾ Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Hazard	ATP CLP00  <1.0 %

(1) Substance presenting a health or environmental hazard that meets the criteria in Regulation (EU) No. 2020/878 for this section

For more hazard information concerning the substances, see sections 11, 12 and 16.

Other information:

Identification	M-factor	
	Acute	Chronic
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) CAS No: 55965-84-9 EC: Not applicable	100	100

Identification	Specific concentration limit
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9	% (w/w) >=0.05: Skin Sens. 1 - H317
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) CAS: 55965-84-9 EC: Not applicable	% (w/w) >=0.6: Skin Corr. 1C - H314 0.06<= % (w/w) <0.6: Skin Irrit. 2 - H315 % (w/w) >=0.6: Eye Dam. 1 - H318 0.06<= % (w/w) <0.6: Eye Irrit. 2 - H319 % (w/w) >=0.0015: Skin Sens. 1A - H317

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Symptoms due to poisoning may appear after exposure, so if in doubt, seek medical advice following direct exposure to the chemical or persistent discomfort, showing the SDS of this product.

For inhalation:

This product is not classified as hazardous by inhalation; however, it is recommended that, in the event of symptoms of intoxication, the affected person be removed from the place of exposure, moved to fresh air and left to rest. If symptoms persist, seek medical attention.

For skin contact:

This product is not classified as hazardous when in contact with the skin. It is, however, recommended that in the event of contact with skin, any contaminated clothes or shoes be removed, the skin rinsed or the affected person showered with large quantities of water and mild soap. If conditions prove to be severe, seek medical attention.

For eye contact:

Rinse eyes with plenty of water for at least 15 minutes. If the individual is wearing contact lenses, they should be removed provided that they are not stuck to the eyes, which may cause further injury. In all cases, after washing, you should contact a doctor as quickly as possible, showing the product safety data sheet.

For ingestion/aspiration:

Do not induce vomiting. If vomiting occurs naturally, keep the head tilted forward to prevent inhalation. Keep the patient at rest. Rinse mouth and throat, as they may have been injured by ingestion.

- Continued on the next page -

GIORGIO GRAESAN AND FRIENDS	Product safety information note
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4.2 Most important symptoms and effects, both acute and delayed:
Acute or delayed effects are provided in sections 2 and 11.
4.3 Indication of any need for immediate medical advice and special treatments:
Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Suitable extinguishing media:
Non-flammable product under normal conditions of storage, handling and use. In the event of a fire as a result of improper handling, storage or use, preferably use multi-purpose powder extinguishers (ABC powder), in accordance with the Fire Protection Installations Regulations.
Unsuitable extinguishing media:
Not relevant
5.2 Special hazards arising from the substance or mixture:
As a result of combustion or thermal decomposition, reaction by-products are generated which may be highly toxic and, therefore, may pose an elevated health risk.
5.3 Recommendations for firefighters:
Depending on the severity of the fire, full protective clothing and self-contained breathing equipment may be required. Provide a minimum level of emergency equipment or intervention items (fire blankets, first aid kit, ...) in compliance with Directive 89/654/EC.
Additional provisions:
Act in accordance with the Internal Emergency Plan and the Accident and Emergency Response Information Sheets. Eliminate all sources of ignition. In the event of fire, cool containers and storage tanks for products that may ignite, explode or trigger a BLEVE explosion as a result of high temperatures. Avoid spilling fire extinguishing agents into water.

SECTION 6: MEASURES IN CASE OF ACCIDENTAL ESCAPE

6.1 Personal precautions, protective equipment and procedures in case of an emergency:
For non-emergency personnel:
Isolate any leaks or spillage provided they do not entail an additional risk for those performing this operation. In the event of potential contact with the spilled product, the use of personal protective equipment is mandatory (see section 8). Evacuate the area and keep unprotected persons at a distance.
For emergency personnel:
Wear protective equipment. Keep unprotected people away. See section 8.
6.2 Environmental precautions:
By virtue of Community legislation on environmental protection, it is recommended that the release of the product and its containers into the environment be avoided.
6.3 Methods and materials for containment and cleansing:
It is recommended to:
Absorb the spill with sand or inert absorbent material and move it to a safe place in a suitable container. Do not absorb with sawdust or other flammable absorbent material. Provide sufficient ventilation of the site affected by the leak. Refer to section 13 for any observations regarding elimination.
6.4 Reference to other sections:
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe handling

Comply with the existing legislation on the prevention of risks at work. Keep clean and tidy and eliminate using safe methods (section 6). Handle the product after consulting all other sections of this safety datasheet. Do not release the product to the environment. Do not eat, drink and smoke during use. Remove contaminated clothing and the protective equipment before accessing eating areas.

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

Non-flammable product under normal conditions of storage, handling and use. It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks.

Do not eat or drink during handling and wash oneself carefully afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended that absorbent material be provided in the vicinity of the product (see section 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical storage measures

Minimum temperature: 5°C

Maximum temperature: 30°C

Maximum time: 6 months

B.- General storage conditions

Avoid sources of heat, radiation, static electricity or contact with food. For more information see section 10.5

7.3 Special end uses:

Apart from the indications already specified, no special recommendations need to be made with regard to the uses of this product.

SECTION 8: EXPOSURE/PERSONAL PROTECTION CONTROL

8.1 Control parameters:

Substances whose occupational exposure limit values must be controlled at the workplace:

There are no occupational exposure limits for the substances constituting the mixture.

DNEL (Workers):

Identification		Short-term exposure		Long-term exposure	
		Systemic	Local	Systemic	Local
1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	Oral	Not applicable	Not applicable	Not applicable	Not applicable
	Dermal	Not applicable	Not applicable	0.966 mg/kg	Not applicable
	Inhalation	Not applicable	Not applicable	6.81 mg/m ³	Not applicable

DNEL (General population):

Identification		Short-term exposure		Long-term exposure	
		Systemic	Local	Systemic	Local
1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	Oral	Not applicable	Not applicable	Not applicable	Not applicable
	Dermal	Not applicable	Not applicable	0.345 mg/kg	Not applicable
	Inhalation	Not applicable	Not applicable	1.2 mg/m ³	Not applicable

PNEC:

Identification				
1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	STP	1.03 mg/L	Fresh water	0.00403 mg/L
	Soil	3 mg/kg	Sea water	0.000403 mg/L
	Intermittent	0.0011 mg/L	Sediment (fresh water)	0.0499 mg/kg
	Oral	Not applicable	Sediment (seawater)	0.00499 mg/kg

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8.2 Exposure controls:



A.- Personal protection measures, such as personal protective equipment

As a preventive measure it is recommended to use basic Personal Protective Equipment with the corresponding "CE marking". For more information on Personal Protective Equipment (storage, use, protection class, etc.) consult the information leaflet provided by the manufacturer of the PPE. The information in this section refers to the pure product. The protection measures for the diluted product may vary depending on the level of dilution, use, method of application, etc. To determine the obligation for the installation of emergency showers and/or eyewash stations in warehouses, legislation concerning storage of the chemical products applicable to each case shall be considered. For more information see sections 7.1 and 7.2.

B.- Respiratory protection.



The use of protective equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific hand protection.

Pictogram	PPE	Marked	ECN standards	Remarks
 Mandatory hand protection	Protective gloves against minor risks			Replace gloves at first sign of deterioration. For periods of prolonged exposure to the product by professional/industrial users, it is advisable to use CE III gloves in accordance with Standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018.

As the product is a mixture of several substances, the resistance of the glove material cannot be predicted in advance with total reliability and therefore must be checked prior to application.



D.- Eye and face protection

Pictogram	PPE	Marked	ECN standards	Remarks
 Mandatory face protection	Full-vision safety goggles to protect against splashes and/or projections		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically in accordance with the manufacturer's instructions. Use if there is a splashing hazard.

E.- Body protection

Pictogram	PPE	Marked	ECN standards	Remarks
	Work clothing			Replace at the first sign of deterioration. For periods of prolonged exposure by professional / industrial users, CE III is recommended, according to EN ISO 6529: 2013, EN ISO 6530: 2005, EN ISO 13688: 2013, EN 464: 1994
	Non-slip work shoes		EN ISO 20347:2012	Replace at the first sign of deterioration. For periods of prolonged exposure by professional / industrial users, CE III is recommended, according to Standards EN ISO 20345:2012 and EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

By virtue of Community legislation on environmental protection, it is recommended that the release of the product and its containers into the environment be avoided. For further information see section 7.1.D

Volatile organic compounds:

In accordance with Directive 2010/75/EU, this product has the following characteristics:

VOCs (Directive 2004/42/EC):	0.00 % weight – 0.00 g/litre
Density of VOCs at 20 °C:	
Average number of carbon atoms:	Not applicable
Average molecular weight:	Not applicable

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

*Not applicable due to the nature of the product, no property information on its hazardousness is provided.

9.1 Information on basic physical and chemical properties:

For complete information, see the product technical data sheet.

Physical appearance:

Physical state at 20°C:	Liquid
Appearance:	Paste
Colour:	Golden
Odour:	Characteristic
Odour threshold:	Not applicable *

Volatility:

Boiling point at atmospheric pressure:	102°C
Vapour pressure at 20°C:	2340 Pa
Vapour pressure at 50°C:	12329.11 Pa (12.33 kPa)
Evaporation rate at 20°C:	Not applicable *

Product characterisation:

Density at 20°C:	1.20 – 1.30 kg/litre
Relative density at 20°C:	1.623 kg/litre
Dynamic viscosity at 20°C:	Not applicable *
Kinematic viscosity at 20°C:	Not applicable *
Dynamic viscosity at 40°C:	Not applicable *
Concentration:	Not applicable *
pH:	7.5 – 8.5
Vapour density at 20°C:	Not applicable *
Partition coefficient n-octanol/water at 20°C:	Not applicable *
Solubility in water at 20°C:	Not applicable *
Solubility properties:	Not applicable *
Decomposition temperature:	Not applicable *
Melting point/freezing point:	Not applicable *

Flammability:

Flash point:	Not flammable (>60°C)
Flammability (solids, gases):	Not applicable *
Autoignition temperature:	Not applicable *
Lower flammability limit:	Not applicable *
Upper flammability limit:	Not applicable *

Particle characteristics:

Medial equivalent diameter:	Not applicable
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9.2 Other information:

Information on physical hazard classes:

Explosive properties:	Not applicable *
Oxidising properties:	Not applicable *
Substances or mixtures that are corrosive to metals:	Not applicable *
Combustion heat:	Not applicable *
Total aerosol-percentage (by mass) of flammable components:	Not applicable *

Other safety characteristics:

Surface tension at 20°C:	Not applicable *
Refractive index:	Not applicable *

*Not applicable due to the nature of the product, no property information on its hazardousness is provided.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reaction if the following technical instructions for the storage of chemicals are complied with. See section 7.

DIPROPYLENE GLYCOL MONOMETHYL ETHER: may react with oxidising agents. When heated to decomposition, it emits acrid and irritating fumes and vapours.

10.2 Chemical stability:

Chemically stable in the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

No hazardous reactions are expected due to temperature and/or pressure variations.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shocks and friction	Contact with air	Heating	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct exposure	Not applicable	Avoid strong alkalis or bases

10.6 Dangerous decomposition products:

See headings 10.3, 10.4 and 10.5 for specific information on decomposition products. Depending on decomposition conditions, complex mixtures of chemicals, carbon dioxide (CO₂), carbon monoxide and other organic compounds may be released as a result of the decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes defined in Regulation (EC) no. 1272/2008:

No experimental data is available for the product as such regarding the toxicological properties

Dangerous health implications:

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

A- Ingestion (acute effect):

- Acute toxicity: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous by ingestion. For more information see section 3.
- Corrosivity/Irritability: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous for this effect. For more information, see section 3.

B- Inhalation (acute effect):

- Acute toxicity: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous by inhalation. For more information see section 3.
- Corrosivity/Irritability: In the event of prolonged inhalation, the product is harmful to mucous membrane tissue and to the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous by contact with the skin. For more information see section 3.
- Contact with the eyes: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous for this effect. For more information, see section 3.

D- Germ cell mutagenicity, carcinogenicity, toxicity to reproduction:

- Carcinogenicity: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for the effects described. For more information see section 3.
IARC: polyacrylic acid (3); Styrene oligomers (3)
- Mutagenic effects: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.
- Toxicity to reproduction: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.

E- Respiratory or cutaneous sensitisation:

- Continued on the next page -

- Respiratory: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for sensitising effects. For more information see section 3.

- Cutaneous: Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous with sensitisation effects. For more information see section 3.

F- Specific target organ toxicity (STOT)-single exposure:

Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.

G- Specific target organ toxicity (STOT) - repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.

- Skin: Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria have not been met, since it does not contain substances classified as hazardous for this effect. For more information, see section 3.

Other information:

Not applicable

Specific toxicological information of substances:

Identification	Acute toxicity		Genre
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) CAS No: 55965-84-9 EC: Not applicable	LD50 oral	64 mg/kg	Rat
	DL50 dermal	87.12 mg/kg	Rabbit
	LC50 inhalation	0.33 mg/L (4 h)	Rat
1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	LD50 oral	500 mg/kg	Rat
	DL50 dermal	Not applicable	
	LC50 inhalation	Not applicable	

11.2 information on other hazards:

Endocrine-disrupting properties

The product does not meet the criteria for endocrine-disrupting properties

Other information

Not applicable

SECTION 12: ECOLOGICAL INFORMATION

There is no available data concerning the mixture.

Based on the available data, the classification criteria have not been met, however, it does contain substances classified as hazardous for this effect. For more information, see section 3.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration	Species	Genre
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) CAS No: 55965-84-9 EC: Not applicable	CL50 >0.1 - 1 mg/L (96 h)		Fish
	EC50 >0.1 - 1 mg/L (48 h)		Crustacean
	EC50 >0.1 - 1 mg/L (72 h)		Alga
1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	CL50 >0.1 - 1 mg/L (96 h)		Fish
	EC50 >0.1 - 1 mg/L (48 h)		Crustacean
	EC50 >0.1 - 1 mg/L (72 h)		Alga

12.2 Persistence and degradability:

Specific information on substances

Identification	Degradability		Biodegradability	
	1.2-benzisothiazol-3(2H)-one CAS No: 2634-33-5 EC: 220-120-9	BOD5	Not applicable	Concentration
COD		Not applicable	Period of time	28 days
BOD5/COD		Not applicable	% biodegradable	0%

- Continued on the next page -

**12.3 Bioaccumulative potential:
Specific information on substances**

Identification	Bioaccumulative potential	
1.2-benzisothiazol-3(2H)-one	BCF	2
CAS No: 2634-33-5	Log POW	1.45
EC: 220-120-9	Potential	Low

12.4 Mobility in soil:

Not available

12.5 Results of the PBT and vPvB assessment:

The product does not meet the PBT/vPvB criteria

12.6 Endocrine-disrupting properties:

The product does not meet the criteria for endocrine-disrupting properties

12.7 Other adverse effects:

Not described

SECTION 13: CONSIDERATIONS ON DISPOSAL

13.1 Waste treatment methods:

Code	Descriptions	Type of residue (Regulation (EU) no. 1357/2014)
08 01 12	waste paints and varnishes, other than those indicated in 08 01 11	Not hazardous

Type of residue (Regulation (EU) No. 1357/2014):

Not applicable

Waste management (disposal and evaluation):

Consult the authorised waste service manager on the evaluations and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, Italian Legislative Decree 205/2010). As under 15 01 (2014/955/EU) of the code, in the event the container has been in direct contact with the product, it will be processed in the same way as the product itself. Otherwise it will be processed as non-hazardous waste. Discharge into drains or watercourses is not recommended. See section 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No. 1907/2006 (REACH), EU or national regulations concerning waste management are collected.

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

National legislation: Italian Legislative Decree 25/2010

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

15.1 Specific health, safety and environmental laws and regulations for the substance or mixture:

Regulation (EC) No. 528/2012: contains a preservative to protect the original properties of the treated product. Contains bronopol (DCI), bronopol (DCI), Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 2,2-dibromo-2-cyanoacetamide.

Candidate substances for authorisation pursuant to Regulation (EC) No. 1907/2006 (REACH): Not applicable

Substances included in Annex XIV of REACH (authorisation list) and sunset date: Not applicable

Regulation (EC) 1005/2009, on substances that deplete the ozone layer: Not applicable

Article 95 REGULATION (EU) No. 528/2012: Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (Product type 2, 4, 6, 11, 12, 13)

REGULATION (EU) No 649/2012 on the import and export of hazardous chemicals: Not applicable

Seveso III:

Not applicable

Restrictions on the marketing and use of certain hazardous substances and mixtures (Annex XVII REACH, etc...):

Occupational exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2019/130.

Specific provisions on the protection of persons or the environment:

- Continued on the next page -

GIORGIO GRAESAN AND FRIENDS	Product safety information note
	Pursuant to REACH (article 32)
	EUPHORIA ORO

It is recommended to use the information included in this safety data sheet as data used in a risk assessment of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Italian Legislative Decree 205/2010: Implementing provisions of Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 relating to waste and repealing certain directives.

Italian Legislative Decree 85/2016: Regulation laying down rules for the implementation of Directive 2014/34/EU on the harmonisation of the laws of the Member States concerning equipment and protective systems intended for use in a potentially explosive atmosphere.

Italian Legislative Decree 233/2003: Implementation of Directive 1999/92/EC on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres.

Italian Legislative Decree 186/2011: Penalty rules for violation of the provisions of Regulation (EC) no. 1272/2008.

Leg. Decree 161/2006: Implementation of Directive 2004/42/EC, on the limitation of emissions of volatile organic compounds due to the use of solvents in certain paints and varnishes and in vehicle refinishing products.

Leg. Decree 152/2006: Environmental standards.

Royal Decree 147/1927, last update 06/12/2021. Approval of the special regulation for the use of toxic gases.

O.J. 14 March 2016 no. 61 - Italian Leg. Decree 15 February 2016, no. 39

Consolidated text on health and safety at work - Rev. 2022

15.2 Chemical safety assessment:

The supplier has not carried out the chemical safety assessment.

SECTION 16: OTHER INFORMATION **

Legislation applicable to safety data sheets:

This safety data sheet has been developed in accordance with Annex II-Guide for the preparation of Safety Data Sheets of Regulation (EC) No. 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Changes to the previous safety data sheet regarding risk management measures:

COMMISSION REGULATION (EU) 2020/878

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

Withdrawn substances

1,2-benzisothiazol-3(2H)-one (2634-33-5)

Quartz (RCS> 10%) (14808-60-7)

Quartz (1% <RCS <10%) (14808-60-7)

Substances contributing to classification. (SECTION 2):

Withdrawn substances

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

Quartz (RCS> 10%) (14808-60-7)

Regulation no. 1272/2008 (CLP) (SECTION 2, SECTION 16):

Pictograms

Hazard indications

Cautionary statements

Additional information

Substances contained in EUH208:

Added substances

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

Withdrawn substances

1,2-benzisothiazol-3(2H)-one (2634-33-5)

REGULATORY INFORMATION (SECTION 15):

Restrictions on the marketing and use of certain hazardous substances and mixtures (Annex XVII REACH, etc...)

- Continued on the next page -

CODE: SDS2120_00	Date of compilation: 04/01/2024	Revision: 00	Page 10/11
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Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components that appear in section 3

Regulation No. 1272/2008 (CLP):

Acute Tox. 2: H310+H330 - Fatal in contact with skin or if inhaled.

Acute Tox. 3: H301 - Toxic if ingested.

Aquatic Acute 1: H400 - Highly toxic to aquatic organisms.

Aquatic Chronic 1: H410 - Highly toxic to aquatic organisms with long-lasting effects.

Eye Dam. 1: H318 - Causes severe eye damage.

Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Classification procedure:

Not applicable

Training tips:

Minimum training of occupational risk prevention is recommended for personnel handling this product in order to facilitate the understanding and interpretation of this safety data sheet as well as for product labelling.

Main sources of literature:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: Biological Oxygen Demand after 5 days

BCF: bioconcentration factor

LD50: lethal dose 50

LC50: lethal concentration 50

EC50: effective concentration 50

Log POW: octanol-water partition coefficient logarithm

Koc: organic carbon partition coefficient

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

Note for the user:

The information contained in this data sheet is based on the knowledge available to us on the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product. This document must not be construed as warranting any specific property of the product.

As use of the product does not fall under our direct control, it is the user's responsibility to comply with the laws and regulations in force regarding hygiene and safety. No responsibility is assumed for improper use. Provide adequate training to personnel involved in the use of chemicals.

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