

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1013
		Revision	0
	CERA DEL VECCHIO	Revision Date	14/04/2020
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SECTION 1. Identification of the substance or mixture and of the company/enterprise

1.1. Product identifier

Code: **1013**
Description: **CERA DEL VECCHIO**

1.2. Relevant identified uses of the substance or mixture and uses not recommended

Relevant uses: **Protective coating for lime-based products – industrial use**

1.3. Safety datasheet supplier information

Company Name: **GIORGIO GRAESAN AND FRIENDS s.a.s.**
Address: **Via BERGAMO 24
20037 PADERNO DUGNANO
ITALY
Tel. 02/9903951
Fax. 02/99039590**

the e-mail address of the competent person responsible for the safety datasheet is **tecnico@giorgiograesan.it**

1.4. Emergency telephone number

Phone number: **02/99039541 from Monday to Friday 8.30-12.30/14.00-18.00**

SECTION 2. Hazard identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP). The product, however, containing dangerous substances in a concentration such as to be declared in section no.3, requires a safety datasheet with adequate information, in accordance with Regulation (EU) 2015/830.

2.2. Label elements according to Regulation no. 1272/2008.

Hazard labelling in accordance with Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Warning: --

Hazard pictogram:--

Hazard indications:

EUH210 Safety datasheet available on request.
EUH208 Contains: Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1).
May cause an allergic reaction.

Precautionary statements: --

Safety datasheet available at: **www.giorgiograesan.it**

2.3. Other hazards.

The product does not meet the PTB/vPvB criteria

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SECTION 3. Composition/information on ingredients.

3.1 Substances

Not applicable

3.2 Mixtures

Components

Identification	Chemical name	Classification (EC REGULATION NO. 1272/2008)	Conc. [%]
CAS no: 55965-84-9 CE: 220-239-6 Index: 613-167-00-5 Reach:	Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1).	3.2/1B Skin Corr. 1B H314 3.4.2/1A Skin Sens. 1A H317 4.1/A1 Aquatic Acute 1 H400 M=100. 4.1/C1 Aquatic Chronic 1 H410 M=10. 3.1/3/Oral Acute Tox. 3 H301 3.1/3/Dermal Acute Tox. 3 H311 3.1/1/Inhal Acute Tox. 1 H330	0 ≤ x < 0.0015

The full text of the hazard statements (H) is given in section 16 of the datasheet.

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.

By inhalation: call a doctor immediately. Take the person to fresh air, away from the scene of the accident. If breathing stops, perform artificial respiration. Take appropriate precautions for the rescuer.

For skin contact: remove contaminated clothing. Take a shower immediately and wash thoroughly with soap and water. Seek medical advice immediately.

For eye contact: Remove any contact lenses, wash immediately and thoroughly with water and seek medical advice.

For ingestion/aspiration: Drink as much water as possible. Seek medical advice immediately. Do not induce vomiting unless expressly authorised by your doctor

4.2. Main symptoms and effects, both acute and delayed None

4.3. Indication of any need for immediate medical advice and special treatments.

Treatment: None

SECTION 5. Fire-fighting measures.

5.1. Extinguishing media.

Non-flammable product under normal conditions of storage, handling and use. In case of fire following handling, storage or improper use

SUITABLE EXTINGUISHING MEDIA: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING MEDIA: none in particular.

5.2. Special hazards arising from the substance or mixture.

Avoid breathing in combustion products.

5.3. Recommendations for fire extinguishers.

GENERAL INFORMATION

Cool containers with water jets to prevent decomposition of the product and the development of substances that are potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water that must not be discharged into the sewers. Dispose of contaminated water used for extinguishing and fire residue according to current regulations.

EQUIPMENT

Normal fire-fighting clothing, such as an open-circuit compressed air breathing apparatus (EN 137), flame retardant overalls (EN469), flame retardant gloves (EN 659) and fire boots (HO A29 or A30).

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SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and procedures in case of emergency.

Stop the leak if there is no danger.

Wear appropriate protective equipment (including personal protection equipment referred to in section 8 of the safety datasheet) to prevent contamination of the skin, eyes and personal clothing. These indications are valid for both workers and emergency interventions.

6.2. Environmental precautions.

Prevent penetration into the soil/subsoil. Prevent run-off into surface water or sewage system.

Retain contaminated washing water and dispose of it.

In the event of a gas leak or penetration into watercourses, soil or sewage system, inform the responsible authorities.

Material suitable for collection: absorbent material, organic substances, sand

6.3. Methods and materials for containment and cleansing.

Contain with earth or non-sparking inert material. Collect most of the material with recovery containers and proceed with disposal. Discard the residue with water jets if there are no contraindications. Provide sufficient ventilation of the site affected by the leak. Check for incompatibilities with the container material in Section 7. The disposal of contaminated material must be carried out in accordance with the provisions of section 13.

6.4. Reference to other sections.

Any information regarding personal protection and disposal is set out in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Comply with the existing legislation on the prevention of risks at work.

Avoid contact with skin and eyes, the inhalation of vapours and mists.

During work, do not eat or drink.

See also paragraph 8 for recommended protective equipment.

Keep containers tightly closed and avoid dispersion of the product into the environment. Maintain order and cleanliness where dangerous products are handled. Be sure to wash with suitable products.

Absorbent material is recommended near the product.

7.2. Conditions for safe storage, including any incompatibilities.

Keep away from food, drink and feed.

Incompatible materials: None in particular.

See also paragraph 10 below.

Indication for premises: Properly ventilated rooms (temperature from +5°C to +30°C).

7.3. Particular end uses.

Not available

SECTION 8. Exposure control/personal protection.

8.1. Control parameters.

Information not available.

DNEL exposure limit values: N.A.

PNEC exposure limit values: N.A.

8.2. Exposure controls

Eye protection:

Not required for normal use. However, operate according to good working practices.

Skin protection:

No special precautions are required for normal use.

Hand protection:

Not required for normal use.

Respiratory protection:

Not required for normal use.

Thermal risks:

None

Environmental exposure controls:

None

Suitable technical checks:

None

Environmental exposure controls.

Emissions from production processes, including those from ventilation equipment, should be controlled to ensure compliance with the environmental protection legislation. It is advisable to avoid releasing the product and its containers into the environment.

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SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Physical state	Semipaste fluid
Colour	Yellowish white
Smell	characteristic
Olfactory threshold.	Not applicable.
pH.	9-11
Melting or freezing point.	Not applicable.
Initial boiling point.	Not applicable.
Boiling range.	Not applicable.
Flash point.	Not applicable.
Evaporation rate	Not applicable.
Flammability of solids and gases	Non-flammable (water-based)
Lower flammability limit.	Not applicable
Upper flammability limit.	Not applicable
Lower explosive limit.	Not applicable
Upper explosive limit.	Not applicable
Steam pressure.	Not applicable
Vapour Density	Not applicable
Relative density.	1.00 g/litre
Solubility	Soluble in water
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature.	Not applicable
Decomposition temperature.	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable

9.2. Other information.

Voc	0.0 g/litre (Dir. 2004/42/EC)
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SECTION 10. Stability and reactivity.

10.1. Reactivity.

No hazardous reaction if the following chemical storage technical instructions are respected, see section 7.

10.2. Chemical stability.

The product is stable under normal handling, use and storage conditions.

10.3. Possibility of dangerous reactions.

No dangerous reaction expected due to temperature and/or pressure variation.

10.4. Conditions to avoid.

Minimise exposure to air and moisture to avoid degradation.

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

10.5. Incompatible materials.

None in particular.

10.6. Hazardous decomposition products.

None of them.

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SECTION 11. Toxicological information.

11.1 Information on toxicological effects.

- a) **Acute toxicity:** Not classified No data available for the product.
b) **Skin corrosion/irritation:** Not classified No data available for the product.
c) **serious eye damage/serious eye irritation:** Not classified No data available for the product.
d) **respiratory or skin sensitisation:**
May cause an allergic reaction
Contains: Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7]; 2-methyl-2H-isothiazol-3-one
e) **germ cell mutagenicity:** Not classified No data available for the product.
f) **carcinogenicity:** Not classified No data available for the product.
g) **reproductive toxicity:** Not classified No data available for the product.
h) **specific target organ toxicity (STOT) - single exposure:** Not classified No data available for the product.
i) **specific target organ toxicity (STOT) - repeated exposure:** Not classified No data available for the product.
j) **danger in case of aspiration:** Not classified No data available for the product.

Toxicological information concerning the main substances present in the product: No data available for the product.

Other information:

Not applicable

SECTION 12. Ecological information.

Use according to good working practices without releasing the product to the environment. Never release the product in the soil, sewers or waterways. Notify the competent authorities if the product reaches watercourses or sewers, or if it contaminates soil or vegetation. Take measures to minimise the effects on the groundwater.

Not classified for environmental hazards.

No data available for the product.

Toxicological information concerning the main substances present in the product:

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

Acute aquatic toxicity:

- Test: EC50 - Species: Daphnia 0.1 mg/l - Duration h: 48 daphnia magna
- Test: EC50 - Species: Algae 0.048 mg/l - Duration h: 72 pseudokirchneriella subcapitata
- Test: EC50 - Species: Fish 0.22 mg/l - Duration h: 96 oncorhynchus mykiss
- Test: NOEC - Species: Algae 0.00064 mg/l - Duration h: 48 skeletonema costatum
- Test: NOEC - Species: Daphnia 0.004 mg/l - Duration h: 504 daphnia magna
- Test: NOEC - Species: Fish 0.098 mg/l - Duration h: 672 oncorhynchus mykiss
- Test: NOEC - Species: Algae 0.0012 mg/l - Duration h: 72 pseudokirchneriella subcapitata

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

The product does not meet the PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Waste generation should be avoided or minimised where possible. Disposal of this product, solutions and any by-products must always be carried out in accordance with the environmental protection and waste disposal law and respecting the requirements of each relevant local authority. Disposal must be entrusted to a company authorised to manage waste, in compliance with national and possibly local legislation. Absolutely avoid dispersing the product in the soil, sewers or waterways.

Contaminated packaging must be sent for recovery or disposal in accordance with the national waste management rules. Care should be taken when handling empty containers that have not been cleaned or rinsed.

SECTION 14. Transport information.

The product should not be considered dangerous under the provisions in force concerning the transportation of dangerous goods by road (A.D.R.), rail (RID), sea (IMDG Code) and air (IATA).

14.1 UN Number

Unregulated

14.2 UN proper shipping name

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Unregulated

14.3 Transport hazard classes

Unregulated

14.4 Packing group

Unregulated

14.5 Environmental hazards

Unregulated

14.6 Special precautions for users

Unregulated

14.7 Carriage of bulk according to Annex II of MARPOL 73/78 and IBC code

Unregulated

SECTION 15. Regulatory information.

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

Italian Legislative Decree 9/4/2008 no. 81

Italian Ministerial Decree of Labour 26/02/2004 (Occupational exposure limits)

Regulation (EC) no. 1907/2006 (REACH)

Regulation (EC) no. 1272/2008 (CLP)

Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) No 758/2013

Regulation (EU) 2015/830

Regulation (EU) no. 286/2011 (ATP 2 CLP)

Regulation (EU) no. 618/2012 (ATP 3 CLP)

Regulation (EU) no. 487/2013 (ATP 4 CLP)

Regulation (EU) no. 944/2013 (ATP 5 CLP)

Regulation (EU) no. 605/2014 (ATP 6 CLP)

Regulation (EU) no. 2015/1221 (ATP 7 CLP)

Regulation (EU) no. 2016/918 (ATP 8 CLP)

Regulation (EU) no. 2016/1179 (ATP 9 CLP)

Restrictions on the product or substances contained in accordance with Annex XVII to Regulation (EC) 1907/2006 (REACH) and subsequent adaptations:

Product restrictions:

Restriction 40

Restrictions on substances contained:

No restrictions.

Where applicable, refer to the following regulations:

Ministerial circulars 46 and 61 (Aromatic amines).

Directive 2012/18/EU (Seveso III)

Regulation 648/2004/EC (Detergents).

Italian Legislative Decree no. 152 of 03/04/2006 Environmental standards

Dir. 2004/42/EC (VOC Directive)

Provisions relating to EU Directive 2012/18 (Seveso III):

Category Seveso III according to Annex 1, Part 1 None

15.2. Chemical safety assessment.

No chemical safety assessment has been prepared for the mixture or for the substances contained therein.

SECTION 16. Other information.

Text of the sentences used in paragraph 3:

H301 Toxic if swallowed.

H330 Lethal if inhaled.

H311 Toxic due to skin contact.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H400 Highly toxic to aquatic organisms.

H410 Highly toxic to aquatic organisms with long-lasting effects.

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Hazard class and category	Code	Descriptions
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 4	3.1/4/Oral	Acute toxicity (dermal), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Aquatic Acute 1	4.1/A1	Acute hazard to the aquatic environment, Category 1
Aquatic Chronic 2	4.1/C2	Chronic (long-term) danger to the aquatic environment, Category 2

This datasheet has been revised in all its sections in accordance with Regulation 2015/830.
This document has been prepared by an SDS technician who has received appropriate training.

Main bibliographical sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Annex 1
Istituto Superiore di Sanità - National Inventory of Chemicals
ECHA Agency WEBSITE

LEGEND

ADR: European Agreement on the international carriage of dangerous goods by road.
CAS No: Chemical Abstracts Service (American Chemical Society division).
CLP: Classification, Labelling, Packaging.
DNEL: Derived no effect level.
EINECS: European inventory of existing European chemicals on the market.
GefStoffVO: Ordinance on dangerous substances in Germany.
GHS: Harmonised global classification and labelling system for chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation of the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organisation.
ICAO-TI: Technical instructions of the International Civil Aviation Organisation (ICAO).
IMDG: International Maritime Dangerous Goods Code.
INCI: International nomenclature of cosmetic ingredients.
KSt: Explosion coefficient.
LC50: Lethal concentration for 50% of the test population.
LD50: Lethal dose for 50% of the test population.
PNEC: Predicted no effect concentration.
RID: Regulation concerning the international carriage of dangerous goods by rail.
STEL: Short-term exposure limit.
STOT: Specific target organ toxicity.
TLV: Threshold limit value.
TWA: Time-weighted average
WGK: Water hazard class (Germany).

This datasheet cancels and replaces any previous edition.

Note to the user:

The information contained in this sheet is based on the knowledge available to us at 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.