

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025	
		Revision	0	
	CERA D'API		Revision Date	14/04/2020
			Page	1 of 8

SECTION 1. Identification of the substance or mixture and of the company/enterprise

1.1. Product identifier

Code: **1025**
Description: **Cera d'Api**

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: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (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

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025
		Revision	0
CERA D'API		Revision Date	14/04/2020
		Page	2 of 8

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:	5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7]; 2-methyl-2H-isothiazol-3-one (3:1)	Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1	0 ≤ x < 0.0015
CAS no: 919-857-5 CE: Index: Reach: 01-2119463258-33-XXXX	C9-C11 HYDROCARBONS, N ALKANES, ISOALCANS, CYCLICS, <2% AROMATICS	2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336 EUH066	≥ 15% < 20%

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.

For inhalation: Bring the injured person to fresh air and keep them warm and at rest.

For skin contact: Wash thoroughly with soap and water.

For eye contact: In case of contact with eyes, wash immediately and thoroughly with water and seek medical advice.

For ingestion/aspiration: Never induce vomiting. SEEK MEDICAL ATTENTION IMMEDIATELY.

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 means.

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

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

UNSUITABLE extinguishing MEANS: 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).

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025
		Revision	0
CERA D'API		Revision Date	14/04/2020
		Page	3 of 8

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

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025	
		Revision	0	
	CERA D'API		Revision Date	14/04/2020
			Page	4 of 8

protection legislation. It is advisable to avoid releasing the product and its containers into the environment.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Physical state	Viscous fluid
Colour	white
Smell	honey
Olfactory threshold.	Not applicable.
pH.	7.5-9.5
Melting or freezing point.	0°C.
Initial boiling point.	Not applicable.
Boiling range.	Not applicable.
Flash point.	>65°C
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.	0.88 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	21.3 g/litre
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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.

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025
		Revision	0
CERA D'API		Revision Date	14/04/2020
		Page	5 of 8

SECTION 11. Toxicological information.

In the absence of experimental toxicological data on the product itself, any hazards of the product to health have been assessed on the basis of the properties of the substances contained, according to the criteria laid down in the reference legislation for classification. Therefore, consider the concentration of the individual hazardous substances mentioned in section 3, if any, in order to assess the toxicological effects resulting from exposure to the product.

11.1 Information on toxicological effects:

Toxicological information concerning the product: N.A.

Toxicological information concerning the main substances present in the product:

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3: 1) - CAS: 55965-84-9 a)
acute toxicity: Test: LD50 - Via: Oral 100 mg/kg

Unless otherwise specified, the data required by Regulation (EU)2015/830 below are to be understood as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/serious eye irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) toxicity to reproduction;
- h) specific target organ toxicity (STOT) - single exposure;
- i) specific target organ toxicity (STOT) - repeated exposure;
- j) danger in the event of aspiration.

Other information:

Not applicable

SECTION 12. Ecological information.

12.1. Toxicity Use according to good working practices, avoiding dispersion of the product in the environment. N.A.

12.2. Persistence and degradability N.A.

12.3. Bioaccumulation potential N.A.

12.4. Mobility in soil N.A.

12.5. Results of PBT and vPvB Evaluation vPvB Substances: None - PBT substances: None

12.6. Other side effects None

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. Transportation 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 shipping name

Unregulated

14.3 Transport hazard classes

Unregulated

14.4 Packing group

Unregulated

14.5 Environmental hazards

Unregulated

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025	
		Revision	0	
	CERA D'API		Revision Date	14/04/2020
			Page	6 of 8

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 Work 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 3/4/2006 no. 152 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:

H226 Flammable liquid and vapours.
 H304 May be fatal if swallowed and upon penetration into the respiratory tract. H336 May cause drowsiness or dizziness.
 Page no. 6 of 8
 Safety datasheet IDRACER L337/11
 EUH066 Repeated exposure may cause dryness or cracking of the skin. 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.

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025
		Revision	0
CERA D'API		Revision Date	14/04/2020
		Page	7 of 8

Hazard class and category	Code	Descriptions
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin Corrosion, Category 1B
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute Hazard to the Aquatic Environment, Category 1
Aquatic Chronic 1	4.1/C1	Chronic (long-term) danger to the aquatic environment, Category 1

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

The information contained therein is based on our knowledge as of the date stated above. It refers only to the indicated product and does not constitute a guarantee of particular quality.

The user is required to ensure the suitability and completeness of this information in relation to the specific use to be made thereof.

This datasheet cancels and replaces any previous edition.

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 level without effect.
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.

GIORGIO GRAESAN AND FRIENDS	Safety Datasheet	Code	SDS1025	
		Revision	0	
	CERA D'API		Revision Date	14/04/2020
			Page	8 of 8

LD50: Lethal dose for 50% of the test population.

PNEC: Expected no-effect concentration.

RID: Regulation concerning the international carriage of dangerous goods by rail.

STEL: Short-term exposure limit.

STOT: Organ-specific toxicity.

TLV: Threshold limit value.

TWA: Time-weighted average

WGK: Water hazard class (Germany).

Training tips:

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

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.