

**1 Identification of the substance / mixture and of the company / undertaking****1.1 Product identifier**

Product Code: ART. 1035  
Trade Name: PRIMUS AGGRAPPANTE

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

Description/Usage: PRIMER

**1.3 Details of the supplier of the safety data sheet**

Supplier: Giorgio Graesan & Friends s.a.s. Di Shila Graesan  
Address: Via Bergamo n. 24  
Place and country: 20037 - Paderno Dugnano MI (IT)  
Phone: +39 02 99039560  
Fax: +39 02 99039590  
Email of the person responsible: tecnico@giorgiograesan.it

**1.4 Emergency telephone number**

For urgent inquiries refer to +39 02 99039541

**2 Hazards identification****2.1 Classification of the substance or mixture**

The product is not classified as hazardous as per Directive (EC) 1272/2008 (CLP) (and subsequent amendments), in accordance with Directive (EC) 1907/2006 and subsequent amendments. For the product has been compiled a safety data sheet complying with Regulation (EC) 453/2010, Regulation (EC) 2015/830.

**2.2 Directive 1272/2008 (CLP) and subsequent amendments**

Classification and hazard statements: Not applicable

**2.3 Label elements**

Hazard pictograms: Not applicable  
Warnings: Not applicable

**2.4 Hazard statements**

EUH210: Safety data sheet available on request.  
EUH208: It may cause an allergic reaction. It Contains: Mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one, 2-methyl-2h-isothiazol-3-one.

**2.5 Safety advice**

P101: If medical advice is needed, keep at the disposal the container or the label of the product.  
P102: Keep out of the reach of children.  
The safety data sheet is available on www.giorgiograesan.it

**2.6 Other hazards:** Information not available.**3 Composition / information on ingredients****3.1 Substances:** Non relevant information.

**3.2 Mixtures:** Contains: Identification. Conc.%. Classification 1272/2008 (CLP). Mixture of 5-CLORO-2-METIL-4-ISOTIAZOLIN-3-ONE; 2METIL-2H-ISOTIAZOL-3-ONE (3:1) CAS. 55965-84-9 0 - 0,0015 Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410  
CE. 611-34-5 - INDEX - Reg. # 613-167-00-5

Note: Higher value of the excluded range. The full text of hazard (H) phrases is given in section 16.

The product does not contain substances classified as hazardous to health or the environment as per Directives 67/548/EEC and/or Directive (EC) 1272/2008 (CLP) (and subsequent amendments) in such quantities as to require the declaration.

**4 First aid measures****4.1 Description of first aid measures**

EYES: Remove any contact lenses. Wash immediately thoroughly with water for at least 30/60 min. Consult a doctor.  
SKIN: Take off all contaminated clothing. Take a shower immediately. Consult a doctor.  
INGESTION: Make drink water as much as possible. Consult a doctor.  
INHALATION: Call a medic immediately. Rescuer must take adequate precautions.

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

No known episodes of damage to health attributable to the product.

**4.3 Indication of any immediate medical attention and special treatment needed**

Information not available.

**5 Firefighting measures****5.1 Extinguishing media**

SUITABLE EXTINGUISHING MEDIA: Extinguishing media are the conventional: carbon dioxide, foam, powder and nebulised water.  
NOT SUITABLE EXTINGUISHING MEDIA: None in particular.

**5.2 Special hazards arising from the substance or mixture**

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE: Do not breathe combustion products.

**5.3 Advice for firefighters**

GENERAL INFORMATION: cool the containers by spraying with water to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention equipment.  
Collect extinguishing water to prevent the product to percolate in drains. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

**6 Accidental release measures**

**6.1** Personal Protection, protective equipment and emergency procedures: If fumes or powders are released into the air, adopt a respiratory protection. These guidelines apply to both clerks and those who work for the emergency interventions.

**6.2** Environmental precautions: Do not allow the product to percolate in drains, watercourses, or open water.

**6.3** Methods and materials for containment and cleaning up: Confine using earth or inert material. Remove most of the material and eliminate the remainder using jets of water. The disposal of contaminated material must be made in accordance with section 13.

**6.4** Reference to other sections: Any information on personal protection and disposal is given in sections 8 and 13.

**7 Handling and storage**

**7.1** Precautions for safe handling: Handle the product after consulting all other sections in this security sheet. Avoid dispersal of the product in the environment. Do not eat, drink or smoke while handling it.

**7.2** Conditions for safe storage, including any incompatibilities: Keep the product in clearly labeled containers. Store containers away from any incompatible materials, checking section 10.

**7.3** Specific end use(s): Information not available.

**8 Exposure controls / personal protection**

**8.1** Control parameters: Information not available.

**8.2** Exposure controls / personal protection: Observe the safety measures used in handling chemical substances.

EYES PROTECTION: Safety glasses with clear plastic side and top protection for the eyebrows

SKIN PROTECTION: Wear protective clothing made of cotton

HANDS PROTECTION: Protective gloves made of latex 0.5 mm.

PROTECTION OF RESPIRATORY TRACTS: In case of exceeding the threshold value (eg. TLV-TWA) of the substance or one or more of the substances present in the product, consider wearing a mask with type A filter, whose class (1, 2 or 3) will be chosen according to the maximum concentration of use. (Ref. EN 14387). In the case were present gases or vapors of a different nature and/or gases or vapors with particles (aerosols, fumes, mists, etc.) you should make use of combined type filters. The use of means of respiratory protection is required if the technical measures taken are not sufficient to limit worker exposure to the considered threshold values. The protection provided by masks is in any case limited. In the case where the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in case of emergency, wear an open circuit compressed air breathing apparatus (ref. Standard EN 137) or an outside air breathing apparatus (ref. standard EN 138). For the correct choice of respiratory protection device, refer to Standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from production processes, including those from ventilation should be checked for the purposes of compliance with environmental protection.

**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical State: paste

Colour: neutral

Odour: characteristic

Olfactory threshold: not applicable

PH: 7-9

Melting Point: not applicable

Boiling Point: not applicable

Boiling Range: not applicable

Flashpoint: not applicable

Evaporation rate: not applicable

Flammability of solids and gases: not applicable

Lower flammability limit: not applicable

Upper flammability limit: not applicable

Lower explosive limit: not applicable

Upper explosive limit: not applicable

Vapour Pressur: 2266.5 Pa at 20°C (water)

Density of vapours: not available.

Relative density: 1,7 - 1,8 Kg/liter

Solubility in water: not applicable

Distribution coefficient/n-octano/water: not applicable

Auto-ignition temperature: not applicable

Decomposition temperature: not applicable

Viscosity: 40.000-60.000 cps (brookfield)

Explosive properties: not applicable

Oxidizing properties: not applicable

**9.2 Other information**

Dry weight: 86,00%

- VOC (Directive 2004/42/EC): 30,00 (2010) g/liter  
VOC (volatile carbon): 0  
Solubility: water miscible
- 10 Stability and reactivity**
- 10.1 Reactivity: There are no particular risks of reaction with other substances in normal usage conditions.
- 10.2 Chemical stability: This product is considered stable in normal usage and storage conditions.
- 10.3 Possibility of hazardous reactions: Under normal storage and usage conditions no hazardous reactions are foreseeable.
- 10.4 Conditions to avoid: None in particular. However follow the usual precautions against chemical agents.
- 10.5 Incompatible materials: not applicable
- 10.6 Hazardous decomposition products: not applicable
- 11 Toxicological information**
- No known episodes of harm to health due to exposure to the product. In any case it must be handled in accordance with the rules of good industrial hygiene.
- 11.1 Information on toxicological effects: Mixture of: 5-CHLORO-2-METHYL-4-ISOTIAZOLIN-3-ONE; 2METIL-2H-ISPTHAZOL-3-ONEI  
D50 (Oral). > 5000 mg / kg  
LD50 (Dermal). > 5000 mg / kg  
a) Acute Toxicity: Not applicable  
b) Skin corrosion / irritation: Not applicable  
c) eye damage / eye irritation: Not applicable  
d) respiratory or skin sensitization: Not applicable  
e) Germ cell mutagenicity: Not applicable  
f) Carcinogenicity: Not applicable  
g) Reproductive toxicity: Not applicable  
h) specific target organ toxicity (STOT) - single exposure: Not applicable  
i) specific target organ toxicity (STOT) - repeated exposure: Not applicable  
j) Aspiration hazard: Not applicable
- 12 Ecological information**
- Adopt good working practices, avoiding release into the environment. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation
- 12.1 Toxicity: Information not available.
- 12.2 Persistence and degradability: Information not available.. Mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one,2-methyl-2h-isothiazol-3-one.
- 12.3 Bioaccumulative potential: Information not available.
- 12.4 Mobility in soil: Information not available.
- 12.5 Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB in percentage higher than 0.1%.
- 12.6 Other adverse effects: Information not available.
- 13 Disposal considerations**
- 13.1 Waste treatment methods: Reuse, if possible. Product residues as such are to be considered non-hazardous waste. Disposal must be performed through an authorized waste management, in compliance with national and local laws. Avoid release of the product in soil, sewers or waterways.
- 13.2 CONTAMINATED PACKAGING: Contaminated packaging must be recovered or disposed in compliance with national waste management regulations.
- 14 Transport information**
- 14.1 The product is not to be considered dangerous according to the provisions in force on the transportation of dangerous goods by road (A.D.R.), rail (RIS), by sea (IMDG Code), and by air (IATA).
- 14.1 UN number: not regulated
- 14.2 UN proper shipping name: not regulated
- 14.3 Transport hazard class: not regulated
- 14.4 Packing group: not regulated
- 14.5 Environmental hazards: not regulated  
MARINE POLLUTANT: NO
- 14.6 Special precautions for user: None in particular.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: not regulated
- 15 Regulatory information**
- 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture
- 15.2 Specific legislation  
No permissions required  
Use restrictions: No  
Other EU regulations: Calcium dihydroxide is NOT a SEVESO substance, or a substance harmful to the ozone layer nor a pop substance (persistent organic pollutant)  
National regulations: Water hazard class 1 (Germany)
- 15.3 General legislation  
1. Directive 67/548 / EC, as amended;  
2. Regulation n.1272 / 2008 / EC and CLP;  
3. n.1907 / 2006 / EC regulation called REACH  
4. Directive 89/391 / EEC, 89/654 / EEC, 89/655 / EEC, 89/656 / EEC, 90/269 / EEC, 90/270 / EEC, 90/394 / EEC, 90/679 / EEC 93/88 / EEC, 95/63 / EC, 97/42 / EC, 98/24

- / EC, 99/38 / EC, 99/92 / EC, 2001/45 / EC, 2003/10 / EC, 2003 / 18 / EC and 2004/40 / EC concerning the improvement of the safety and health of workers at work;
5. Guidelines No. 80/1107 / EEC, n. 82/605 / EEC, no. 83/477 / EEC, no. 86/188 / EEC and no. 88/642 / EEC, concerning the protection of workers from risks related to exposure to chemical, physical and biological agents at work;
6. Directives 96/61 / EC, 2000/60 / EC, 91/156 / EEC, 91/689 / EEC, 94/62 / EC, 84/360 / EEC, 94/63 / EC, 1999/13 / EC 1999/32 / EC, 93/12 / EEC, 2001/80 / EC, 2004/35 / EC relating to the environment;
7. ADR Rules ed.2009
8. European Agreement Concerning the International Carriage of Dangerous Goods by Rail - RID (UNECE)
9. IMDG Code - 2007 Edition (Amdt.33) (IMO)
10. 50th edition Dangerous Goods Regulation (IATA)
- Seveso category: None.
- Restrictions relating to the product or contained substances pursuant to Annex XVII to Directive (EC) No. 1907/2006: None.
- Substances in the Candidate List (Art. 59 REACH): None.
- Substances subject to authorization (Annex XIV REACH): None.
- Substances subject to export notification Directive (EC) 649/2012: None.
- Substances subject to the Rotterdam Convention: None.
- Substances subject to the Stockholm Convention: None.
- Healthcare checks: Information not available.
- VOC (Directive 2004/42/EC): Paints for decorative effects  
VOC given in g/liter of product ready for use:  
Maximum limit: 30.00 (2010) - Product VOC: 0
- 15.4 Chemical safety assessment: a chemical safety assessment for the mixture and the substances it contains has not been elaborated yet.
- 16 Other information**
- Acute Tox. 3 Acute toxicity, category 3  
Skin Corr. 1B Skin corrosion, category 1B  
Skin Sens. 1A Skin sensitization, category 1A  
Aquatic Acute 1 Hazardous to the aquatic environment, acute, category 1  
Aquatic Chronic 1 Hazardous to the aquatic environment, Chronic Category 1  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H331 Toxic if inhaled.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic organisms.  
H410 Very toxic to aquatic life with long lasting effects.  
EUH210 Safety data sheet available on request
- LEGEND:** ADR: European Agreement concerning the transport of dangerous goods by road. CAS NUMBER: Chemical Abstract Service Number. EC50: Concentration that gives effect to 50% of the population subject to testing. EC NUMBER: ID number in ESIS (European archive of existing substances). CLP: Directive EC 1272/2008. DNEL: Derived No Effect Level. EmS: Emergency Schedule. GHS: Globally Harmonised System for classification and labeling of chemicals. IATA DGR: Regulation for the transport of dangerous goods by the International Air Transport Association. IC50: Concentration of immobilization of 50% of the population subject to testing. IMDG: International Maritime Code for Dangerous Goods. IMO: International Maritime Organization. INDEX NUMBER: ID number in Annex VI of the CLP. LC50: Lethal concentration 50%. LD50: Lethal dose 50%. OEL: Occupational Exposure Level. PBT: Persistent, bioaccumulative and toxic according to REACH. PEC: Predicted Environmental Concentration. PEL: predictable level of exposure. PNEC: Predicted No Effect Concentration. REACH: EC Regulation 1907/2006. RID: Regulations concerning the international carriage of dangerous goods by rail. TLV: Threshold Limit Value. TLV CEILING: Concentration which should not be exceeded during any time of occupational exposure. TWA STEL: Short Term Exposure Limit. TWA: Exposure Limit Weighted average. VOC: Volatile organic compound. vPvB: Very persistent and very bioaccumulative according to REACH. WGK: Water hazard class (Germany).
- GENERAL BIBLIOGRAPHY:** 1. Directive 1999/45/EC as amended. 2. Directive 67/548/EEC and following amendments and adjustments. 3. Directive (EC) 1907/2006 of the European Parliament (REACH). 4. Directive (EC) 1272/2008 of the European Parliament (CLP). 5. Directive (EC) 790/2009 of the European Parliament (I Atp. CLP). 6. Directive (EC) 453/2010 of the European Parliament. 7. Directive (EC) 286/2011 of the European Parliament (II Atp. CLP). 8. Directive (EC) 618/2012 of the European Parliament (III Atp. CLP). 9. Handling Chemical Safety. 10. The Merck Index. Ed. 10. 11. Niosh - Registry of Toxic Effects of Chemical Substances. 12. INRS - Fiche Toxicologique. 13. Patty - Industrial Hygiene and Toxicology. 14. N.I. Sax - Dangerous properties of Industrial Materials 7 Ed.1989. 15. Web Site Agency ECHA.
- NOTE TO USER:** The information in this security sheet are based on knowledge available to us at the date of the last revision. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. It should not be construed as a guarantee on any specific product property. Since the use of this product is not subject to our direct control, users must, under their own responsibility, follow the laws and provisions in force concerning health and safety. We do not take responsibility for improper use. Provide adequate training to personnel involved in the use of chemicals.