

Date: **January 2008** - This Safety Sheet replaces all the previous editions

1 Name of the substance/preparation and the company

- 1.1 Product information:
- 1.2 Trade Name: "COLORANTI PORTOFINO" [PORTOFINO DYES] - ART:KA
- 1.3 Manufacturer / Supplier: Giorgio Graesan & Friends s.a.s.- Di Shila Graesan - Via Bergamo, 24 - 20037 Paderno Dugnano (MI) (Italy)

2 Composition / Information on ingredients

- 2.1 Paste dyes: None of the components of this product has characteristics that are known to be dangerous.

3 Hazard Identification

- 3.1 Inhalation: NR
- 3.2 Contact with the eyes: NR
- 3.3 Contact with the skin: NR

4 First-Aid Measures

- 4.1 Inhalation: NR
- 4.2 Contact with the eyes: immediately wash with copious amounts of clean water for 15 minutes. If irritation persists, see a doctor.
- 4.3 Contact with the skin: wash with clean water. Avoid persistent contact.
- 4.4 Ingestion: Contact a doctor and show him the can/container, a technical sheet, or the material data safety sheet for the product.

5 Fire-Fighting Measures

- 5.1 Inflammability characteristics:
 - 5.1.1 Flashpoint: ND (water)
 - 5.1.2 Self-Ignition temperature: ND
 - 5.1.3 Lower Explosive Limit: ND
 - 5.1.4 Upper Explosive Limit: ND
- 5.2 Exceptional Risks: N/A
- 5.3 Extinguishing media: N/A
- 5.4 Personal Protective Equipment: N/A

6 Accidental release measures

- 6.1 Personal Protection: avoid prolonged contact with the product, in case of contamination, see section 4. Floors covered with the product may be slippery.
- 6.2 Procedures: do not allow the product to percolate in drains, watercourses, or open water. Should this occur, immediately inform the Police or Fire Brigades. Contain spilt material by putting sand, sawdust, or any other absorbent material on it. This must then be disposed of as per the procedures laid down by law, at authorised disposal sites.

7 Handling and Storage

- 7.1 Storage Procedures: NR
- 7.2 Handling Procedures: NR

8 Exposure control / personal protection equipment:

- 8.1 Protection of respiratory tracts: NR
- 8.2 Eye protection: NR
- 8.3 Skin protection: NR
- 8.4 Other Protective Equipment: NR

9 Physical and Chemical Properties

- 9.1 Appearance: pasty liquid
- 9.2 Colour: according to cardboard
- 9.3 Physical State: liquid
- 9.4 Odour: slight odour
- 9.5 pH: 8-8.5
- 9.6 Viscosity: 22500 to 24000 cps (Brookfield)
- 9.7 Specific Weight/Volumetric Mass: ~1,46 kg/dm³
- 9.8 Density of vapours: > 1 (water)
- 9.9 Vapour Pressure: 2266.5 Pa at 20 °C (water)

- 9.10 Melting Point: 0°C (water)
- 9.11 Boiling Point: 100 °C (water)
- 9.12 Solubility in water: dilutive
- 9.13 Percentage of Volatile Substances: 62,5 +/- 2%
- 9.14 Speed of Evaporation (Bac = 1): < 1 (water)
- 9.14.1 Also see section 5. Fire-Fighting Measures

10 Stability and Reactivity

- 10.1 Stability: NR
- 10.2 Hazardous Decomposition Products: thermal decomposition can generate toxic fumes.
- 10.3 Incompatibility: no materials are known to be incompatible with this product.

11 Toxicological Information

- 11.1 Dermal LD50, rabbit: > 5000 mg/kg
- 11.2 Oral LD50, rat: > 5000 mg/kg
- 11.3 Skin irritation, rabbit: NR
- 11.4 Eye irritation, rabbit: NR

12 Ecological Information

- 12.1 Biodegradability: This product is not biodegradable, but easily eliminated biologically.
- 12.2 Respiratory inhibition of active mud: > 100 mg/l (not inhibited).
- 12.3 Eco-Toxicity
 - 12.3.1 Algae (Selenestrum Capricornutum), 72 hours EC50: > 100 ppm (non toxic)
 - 12.3.2 Rainbow Trout, 96 hours LC50: > 100 ppm (non toxic)
 - 12.3.3 Daphnia Magna, 48 hours EC50: > 100 ppm (non toxic)
 - 12.3.4 Microtox, 15 min.: EC50: > 300 ppm (non toxic)

13 Disposal Considerations

- 13.1 Waste classification: when dried this product can be classified in accordance with current standards.
- 13.2 Procedure: dispose of construction site waste as per current standards, at authorised dumpsites.

14 Transport Information

This product does not require any labelling for transportation, nor is it subject to any regulations.

15 Regulatory information: classification standards and labelling

- 15.1 This product meets all the requirements of the European Inventory of Existing Chemical Substances (EINECS).
- 15.2 This product is not classified as hazardous as to the criteria of EEC Directives 67/548/EEC and 88/379/EEC.

16 Other Information

- 16.1 For further information on the product, contact Giorgio Graesan & Friends s.a.s. Tel. +39 - 02.9903951
Abbreviations: ND = Not Determined, N/A = Not Applicable NR, = Not Relevant.

NOTE: The information contained in this safety sheet only refers to the specific product mentioned. Not to be used for other purposes than those indicated on this sheet. Giorgio Graesan & Friends s.a.s. Di Shila Graesan does not accept any responsibility for improper and/or other uses of the product or for such information being accurate and reliable when this safety sheet is issued as it is based on the current knowledge provided by Italian Legislative Decree 03/65 and the LEGAL DIRECTIVES 1999/45 EC, 2001/58 EC and 2001/60 EC. However, Giorgio Graesan & Friends s.a.s. Di Shila Graesan recommends that those who receive this safety sheet conform to the hygiene, personal protection and environmental regulations provided for by the laws in force. The information contained in this sheet is to be considered a description of the product characteristics for safety purposes and not to be considered a guarantee of the properties of the product itself.