

SAFETY DATA SHEET

(In accordance with directive 2001/58/CE)

MARMORINO NATURALE

Rev.4

Date	Revision	Description
02/11/06	4	Insertion of VOC values and update to the XXIX amendment of the Dir. 1999/45/CE
22/02/05	3	Change of legal address
15/04/03	2	Update in accordance with the XXVIII change of the Dir. 1999/45/CE
09/04/02	1	Updated in accordance with the Dir 2001/58/CE
16/09/02	0	Published

1 Identification of company and product

Product Name: MARMORINO NATURALE

Product description: Water based, decorative lime coating.

Company: OIKOS S.R.L. – Via Cherubini, 2
47043 Gatteo Mare (FC)
Tel. 0547/681412 – Fax 0547/681430

Emergency Telephone N°: 0547/681412

2 Composition/Information on Ingredients

Dangerous Components:

Component	No. CAS	No. EINECS	%	Classification	Phrases “R”
Calcium hydroxide	1305-62-0	215-137-3	10-20%	Xi	R41

3 Danger Identification

The product results as being dangerous in accordance with directive 1999/45/CE and following amendments.

Classification of the product: Xi

Indication of specific dangers for humans and the environment:

R41 Risk of serious damage to eyes

4 First aid measures

Immediate medical assistance is not necessary

Inhalation: Breathe fresh air. Consult a doctor should respiratory problems persist.

Eye contact: Rinse thoroughly and persistently with fresh water, it is better if the water is a sugar water solution, keeping the eyes wide open, if irritation persists, seek medical advice.

Skin contact: Remove all contaminated garments of clothing, wash with soap and water..

Ingestion: Drink plenty of water, consult a doctor. Never give anything to be taken orally to a person who is unconscious

SAFETY DATA SHEET

(In accordance with directive 2001/58/CE)

MARMORINO NATURALE

Rev.4

5 Anti incendiary Measures

Ideal means of extinction: Use suitable means to surround and extinguish the fire (eg. CO₂, foam, water mist, powder).

Means of extinction indicated as inappropriate for safety reasons. None

Products/gas from thermal decomposition: /

Special protection systems for fire fighting personnel:

6 Accidental spill or leak handling information

Individual precautions: Floors may become slippery; use care to avoid falling. Equip oneself with protective clothing.

Environmental precautions: Avoid the infiltration of surface water courses or sewer networks.

Means of Intervention: Contain leaks with inert material (sand, sawdust, etc.). Transfer the product in separate containers for its recovery or disposal. Wash thoroughly with water.

7 Storage and handling

Handling: Avoid contact with the eyes and skin. When the product is not in use, keep containers closed

Storage: Keep containers closed. Keep from freezing. Do not store the material at temperatures lower than +2°C, or in excess of +36°C.

8 Personal protection./exposure controls.

Exposure limit Information: No data available

Controls on professional exposure:

- **Protection of the respiratory system:** Not necessary.
- **Hand protection:** Protective gloves.
- **Eye protection:** Safety glasses.
- **Skin protection:** Use protective clothing.

SAFETY DATA SHEET

(In accordance with directive 2001/58/CE)

MARMORINO NATURALE

Rev.4

Controls on environmental exposure: /

9 Chemical and physical properties

Appearance	Paste
Colour	White + shades from the colour chart
State	Liquid
Odour	Characteristic
pH	12,0-12,5
Boiling point/interval	Data not available
Flash point	Data not available
Flammability	Data not available
Explosive properties	Data not available
Combustion properties	Data not available
Vapour pressure	Data not available
Relative density	1,5
Solubility	Mixable in water
Coefficient of Octanol/Water partition	Data not available
Viscosity	Tixotropic
Vapour density	Data not available
Speed of evaporation	Data not available

10 Stability and reactivity

Conditions to avoid: Contact with strong acids.

Materials to avoid:: Strong acids and materials that oxidise.

The result of dangerous decomposition: Through heating (580°C) calcium oxide is formed that reacts with water creating heat.

11 Toxicological Information

Toxicity through inhalation irritant to the respiratory system.

Toxicity through ingestion: No data available.

Skin irritation: Irritant.

Eye irritation: irritant, can cause damage.

Toxicological information on components:

1305-62-0 calcium hydroxide:

LD 50 (rat by mouth) 7340 mg/kg

12 Ecological Information

Eco-toxicity of the product: Data not available.

SAFETY DATA SHEET

(In accordance with directive 2001/58/CE)

MARMORINO NATURALE

Rev.4

Mobility, persistence, degradability and potential for bioaccumulation of the components:
1305-62-0 calcium hydroxide: The product can pollute small rivers due to its level of alkalinity, the effect however, disappears quickly due to simple dilution.

Further Information: Use according to good working practices, avoid dispersion into the environment. Do not introduce the product into the water table, surface water courses or into the sewer network.

13 Remarks on disposal

Disposal: The remainder of the product, waste deriving from the use of the product and the empty containers must be disposed of in accordance with the applicable state or regional regulations

14 Transport Information

Classification for transportation by road or rail. (ADR/RID):

Classification for transportation by sea (IMO/IMDG):

Classification for transportation by air (IATA/ICAO):

(No particular transport conditions exist.).

15 Information on the regulations

The product is classified according to the Chemical compound Directive 1999/45/CE updated to the XXIX amendment

Etichettatura: Xi

Contains:

Calcium hydroxide.

Phrases "R" (Risk phrases):

R41: Risk of serious damage to eyes.

Phrases "S" (Safety advice):

S2 Keep out of reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

Indications according to the norm 2004/42/CE regarding the emissions limit of volatile organic compounds (Directive VOC): Classification A/a ; VOC: 3 g/l (maximum).

Phase I Limit (1.1.2007): 75 g/l ; Phase II Limit (1.1.2010): 30 g/l

SAFETY DATA SHEET

(In accordance with directive 2001/58/CE)

MARMORINO NATURALE

Rev.4

16 Other Information

List of relative “R” phrases:

R41: Risk of serious damage to eyes.

Bibliography:

Safety Data Sheets supplied by Manufacturers.

The information contained in this Safety Data Sheet is correct as far as our best knowledge of the product at the time of publication. Such information is supplied with the only intent being to allow the correct and safe use, storage, transportation and disposal of the product. This information must not be considered a guarantee or proof of the quality of the product. Such information refers solely to the material specifically indicated in this safety data sheet and is not valid in the event that the product is used together with other materials or in other processes different from those indicated in the text of the above Safety Data Sheet.
