

SAFETY DATA SHEET

complies with Regulation CE 1907/2006 (REACH) – art. 31

PUMICE Edition 1.0 of 31/06/2008 Revision 3 of 29-02-2012**1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

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|--|--|
| Identification of the substance | PUMICE – VOLCANIC INERT Naturally effusive magmatic rocks of volcanic origin. |
| Use of the substance / preparation | Nursery gardening, lightweight aggregate for mortar, concrete and pre-mixed concrete for construction, adsorbent and filtering for industrial oils, cleaning of surfaces in general, light abrasive. |
| Identification of the company | Espovit srl 01010 Tessennano (VT) – Via Marconi 5 Tel. Sales department: 0564 - 616041 Fax Sales department: 0564 - 614147 |
| E-mail responsible for the editorial data sheet | a.anderle@europomice.it |
| Emergency telephone number | 0564-617090 (available only during working hours) 346-0284746 (out of working time) |

2 HAZARDS IDENTIFICATION

- The material is not classified as hazardous under the Decree n. 52 of 03/02/1997 pursuant to Directive 92/32/EEC and under the Decree n. 65 of 14.03.2003
- No indication of particular dangers for humans and the environment

3 COMPOSITION / INFORMATION ON INGREDIENTS

| Components | raw formula | CAS | N° EINECS | content |
|---|-------------|-----------|-----------|---------|
| Silica (SiO ₂) Ca, Mg, Al, Fe Silicates | ----- | 1332-09-8 | 310-127-6 | >99% |

The material is not classified as hazardous under the Decree n. 52 of 03/02/1997 pursuant to Directive 92/32/EEC and under the Decree n. 65 of 14.03.2003

4 FIRST AID

| | |
|--------------------------|--|
| Contact with eyes | No specific measures required; in case of contact with dust wash immediately with plenty of water and/or specific and appropriate eyes lavender, consult a doctor. |
| Contact with skin | No specific measures required |
| Inhalation | No specific measures required |
| Ingestion | Rinse the mouth with water and drink plenty of water. Consult a doctor if necessary. |

5 FIRE PREVENTION

The product is not combustible and is not oxidizing, in the event of a fire may liberate sulfur dioxide.

6 MEASURES IN CASE OF ACCIDENTAL RELEASE

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|----------------------------------|--|
| Personal precautions | Use personal protective equipment, see section 8. |
| Environmental precautions | Avoid the dispersion of large quantities in the environment. In the case of formation of important dust, wet with water the affected area. |
| Methods for cleaning | Collect the product by mechanical means and in closed containers, see sections 7 and 13. |

7 HANDLING AND STORAGE

| | |
|-----------------|--------------------------------|
| Handling | No specific measures required. |
|-----------------|--------------------------------|

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Storage Store the product in a warehouse and in dry conditions

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values Respirable fraction -TWA (*Threshold Limit Values*): 3 mg/m³

Controlling occupational exposure The operator must use appropriate protective equipment listed below, in all situations when handling product:

Eye Protection Safety glasses in case of significant dust dispersion

Hand Protection Gloves

Skin Protection Normal working clothes

Respiratory Protection In case of dust production, use filter mask type P1

9 PHYSICAL AND CHEMICAL PROPERT

Appearance Grains gray - light yellow

Odor Odorless

Flammability Not combustible

Explosive Properties Not explosive

Oxidising properties Not applicable

Vapor Pressure Not volatile

Density 2,4 g/cm³

Bulk density 0,6 ÷ 0,7 g/cm³

pH 7 ÷ 8

Solubility Insoluble

10 STABILITY and REACTIVITY

Stability Stable at room temperature

Conditions to avoid None

Materials to avoid None

11 TOXICOLOGICAL INFORMATION

Due to the available information and based on art. 31 – annex II CE 1907/2006 (Reach), the lapilli of Central Italy's deposits has no toxicological effects.

12 ECOLOGICAL INFORMATION

The product is environmentally sustainable.

13 DISPOSAL CONSIDERATION

Avoid release to the environment, dispose waste code 17 05 04.

The bestowal waste must be made in the manner regulated by national laws.

14 TRANSPORT INFORMATION

The product is not dangerous for transportation.

15 REGULATORY INFORMATION

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| | |
|------------------------------|-----------------------------------|
| Safety information | None |
| Hazard symbol | None |
| Risk phrases | Not applicable |
| Precautionary advices | S 22 – Do not breathe dust |

16 OTHER INFORMATION

The data and information contained in this document is the result of the knowledge available at the time of publication. The Safety Data Sheet does not replace, but integrates texts or rules that regulate the activity of the user. The user has full responsibility for the precautions that are necessary for the use that will make the product.

The product is a natural material that is mined, crushed and selected without treatment chemicals and without the addition of chemicals, so it is EXEMPT from registration requirements provided by Regulation EC 987/2008 (Annex II, point 7).

The material used as a lightweight aggregate for the production of mortars and concretes is produced in accordance with EN 13055-1.

QUESTIONS IN WRITING

Further information can be supplied on request by contacting our technical service.

End of Safety Data Sheet