

SAFETY DATA SHEET

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

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

Identification of the substance	PUMICE – VOLCANIC INERT Trade names: ZEOLITE 0-3, 3-7, 7-12, 15-20
Use of the substance / preparation	Naturally effusive magmatic rocks of volcanic origin. Most important applications: nursery gardening, adsorbent, filtration wastewater.
Identification of the company	Europomice srl Single Share Holder 20124 Milano – Via Napo Torriani 1 Tel: 02 - 66981283 / 66981471 Fax: 02 - 6693582 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	-----	-----	-----	>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

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.

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7 HANDLING AND STORAGE

Handling	No specific measures required.
Storage	Store the product in a warehouse and in dry conditions

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values	Respirable fraction -TWA (<i>Threshold Limit Values</i>): 3 mg/m ³
Controlling occupational exposure	The operator must use appropriate protective equipment listed below, in all situations when handling product:
<i>Eye Protection</i>	Safety glasses in case of significant dust dispersion
<i>Hand Protection</i>	Gloves
<i>Skin Protection</i>	Normal working clothes
<i>Respiratory Protection</i>	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	2,35 g/cm ³
Bulk density	0,8 ÷ 0,9 g/cm ³
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.

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15 REGULATORY INFORMATION

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