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

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
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E-mail responsible for the editorial data sheet
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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 (SiO₂) 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
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/m$^3$

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 PROPERTIES
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/cm$^3$

Bulk density
0.6 ÷ 0.7 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.

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