

Material safety data sheet

1. Company details:

Company name	Agriculture Green Zeolite Company
Address	Amman-Kilo Circle, Al-Madina Al-Munawwara Street Khalaf Wa shtai Tower, Fifth Floor, Office 501
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WhatsApp	00962777875903
Website	www.greenzeolit.com
E-mail	info@greenzeolit.com

2. Product identification:

Product name:	zeolite CAS NO. natural zeolite: 1318-02-1
Chemical name:	hydrated Aluminium silicate
Formula:	Al ₂ SiO ₅ - H ₂ O
R sentences (No.):	none
S sentences (No.):	none
Chemical risk:	not applicable

a. Physical & chemical characteristics:

State at 20°:	solid
Appearance:	light brown granular and powder
Odor, smell:	none, earth like
Boiling point:	not applicable
Freezing point:	not applicable
Melting point:	>1000°C
Density(kg/m ³):	size (0-1): 1550-1650 size (1-3): 1050-1100 size (0-4): 1100-1200 size (4-8): 750- 800



Vapor pressure:	not applicable
Vapor density (air=1):	not applicable
Solubility in water:	0, insoluble applicable
Solubility in greases:	not applicable
Partition Coeff. N-octanol/water:	not applicable
Density of vapors:	not applicable
Tension of vapours at 20°C:	not applicable
Oxidizing properties:	not applicable
Relative density of vapours:	not applicable
Flash - point:	not applicable
Point of flammability:	Non-flammable
Explosion limits (vol.% in air):	Non-explosive
Evaporation rate:	not applicable

a. Stability and reactivity:

Stability:	stable under normal condition of use
Chemical Stability:	Excellent
Conditions avoid:	not applicable
Hazardous decomposition:	none
Hazardous decomp	none
Hazardous polymerization	will not occur

b. Toxicological information:

NPK (average):	not applicable
NPK (limit):	not applicable
LD50:	it was not possible to establish the value of acute oral LD50 no animal died after a dose, higher doses may not be applied.
Eye irritation:	Avery mild and short irritation of conjunctival membrane. (Besides a mild repletion after 2 hours after the preparation application disappearing after 24 hours, no inflammatory changes

	of conjunctival membrane were observed)
Skin irritation:	zeolite doesn't cause any inflammatory or any other symptoms of toxicity even after a multiple.
Affecting live organisms:	zeolite doesn't present any risk; it is classified as a none toxic.

3.instruction for the first AID:

In case of health problems or doubts, the physician is to be informed and provided with the information according to this MSDS.

Type of risk	Acute risk	prevention	First aid
Inhalation	Not given	Put the mask to protect respiratory system	Fresh air
Skin	Presents no risk after repeated skin applications and is not absorbed by skin in dangerous quantities.	Use protective gloves and clothing.	Wash with water and soap.
Eyes	Irritates conjunctival membrane very mildly and for a short time	Use protective goggles.	Rinse eyes with a lot of water for several minutes.
ingestion	Not given	No eating, drinking. Wash hands after work.	Drink potable water.

4. Instructions for case of an accidental escape:

Procedure in case of an Accident or emergency: it is not a dangerous it is natural material. Waste disposal: zeolite is not a dangerous waste

5. Instructions in the case of fire:

Type of risk	Acute risk	Prevention	First aid/fire reporting
Fire	not inflammable material	Not given	Not given
Explosion	inexplosive	Not given	Not given

6. safety instructions for handling and storage:

- Instructions for handling: employees must be instructed on the product and follow principles of health protection and labor safety
- Instructions for storing: product must be stored in dry, clean, aired, and closed storage

7. Information on Transportation:

Land transport (GGVS, GGVE, ADR, RID) Class: Digit/letter/: UN No.: Warning label: Kemler No.: Note:	Not given
Sea transport (IMDG, GGVSee): Class: EMS No.: UN No.: MFAG: Type of packing: Technical name:	Not given
Air transport (ICAO/IATA) Class: Un no. Type of packing:	Not given

8. legal regulations:

EC classification: not classified as dangerous

Warning sign: handle in accordance with good operational hygiene and labour safety and health protection regulations.

R-&S-sentence No. and wording: none

Agriculture green zeolite company

CEO. FAISAL ALASALY