

Material Safety Data Sheet

Zeolite

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product identifier

Name of the Product: Zeolite

CAS Number: 1318-02-1

CAS Name: Zeolite

Relevant identified uses of the substance of the mixture and uses which are not advised

Flux agents for casting; Intermediated; Agents absorbing and adsorbing gases or liquids; Laboratory chemicals; Processing aid; not otherwise listed; pH regulating AGENTS; Food/feedstuff additives; Pharmaceutical substances.

Uses advised against are not identified.

Overview on exposure scenarios and coverage of substance life cycle is provided in Appendix 1.

Details of the supplier of the safety information sheet

Name: SCM Group (Pty) Ltd
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Greenstone
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Section 2: Hazard Identification

Regulation (EU) No 1272/2008

GHS regulations: Not classified as hazardous.

CLP regulation: Not classified as hazardous.

Directive 67/548/EEC: Not applicable

Directive 1999/45/EC: Not applicable

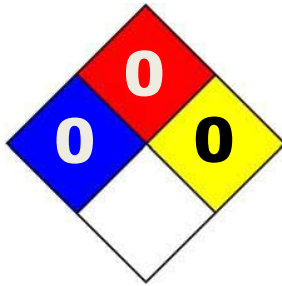
Classification system: The classification is according to the latest editions of the EU-lists and extended by company literature data. The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature.

Label elements:

Regulation (EC) No 1272/2008: Not regulated

Hazard pictogram: Not regulated

Signal word: Not regulated
 Hazard determining components: None
 Hazard statements: Not regulated
 NFPA Hazard Rating (Scale 0 to 4)



Health (Blue) 0 No precaution necessary. Flammability (Red) 0 Noncombustible.
 Reactivity (Yellow) 0 Not reactive when mixed with water. Special (White) None

HMIS Hazard Rating (Scale 0 to 4)

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Health (Blue) 0 No significant health risk. Flammability (Red) 0 will not burn.
 Reactivity (Yellow) 0 Will not react, polymerize, decompose,

Section 3: Composition/Information on ingredients

Dangerous components: None in reportable quantities

Chemical and common name	Wt. %	CAS Registry	EINECS
ZEOLITE	90-97	12173-10-3	215-283-8
Water	3-10	7732-18-5	231-791-2

Section 4. First Aid Measures

- General: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Clean with water and soap. If skin irritation is experienced, consult a doctor.
- After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting. Treat symptomatically.

Section 5. Fire-Fighting Measures

Suitable extinguishing media:	Non-combustible
Extinguishing media:	Compatible with all extinguishing media
Unusual hazards:	None known

Section 6. Accidental Release Measures

Personal precautions:	Avoid dust
Environmental precautions:	No special measures required.
Protection equipment:	Safety glasses
Spills cleanup:	Pick up mechanically and place in a suitable container. Avoid generating dust.

Section 7. Handling and Storage

Safe handling:	Avoid contact with eyes, skin, and clothing. Avoid generating and breathing dust.
Safe storage:	No special requirements.

Section 8. Exposure Controls and Personal Protection

Limit values:	Does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
DNEL:	No further information available.
DNEC:	No further information available.
General protection:	Use in a well ventilate workplace. Avoid generating and contacting dust.
Eye protection:	Wear safety glasses.



Respiratory protection:	Not necessary in well-ventilated area.
Skin protection:	Wear protective gloves against mechanical hazards according to NIOSH or EN 388.
Body protection:	Not required under normal conditions of use.

Sections 9. Physical and Chemical Properties

Appearance:	Light tan to light green solid (powders and granules).
Odor:	Odorless.
Oder threshold:	Not determined.
pH values:	Not applicable.

Change in condition:	Melting point/melting range:	Not determined
	Boiling point/boiling range:	Not determined
Flash point:	Not applicable. Will not burn.	
Evaporation rate:	Not applicable; does not evaporate.	
Flammability (solid, gas):	Not flammable	
	Upper/lower limits:	Not applicable
Danger of explosion:	Does not present and explosive hazard.	
	Upper/lower limits:	Not applicable
Vapor density:	Does not apply. Does not evaporate.	
Relative density:	Not determined	
Solubility:	Water	Insoluble
	Alcohol	Insoluble
Partition coefficient:	Not applicable (insoluble in n-octanol and water)	
Auto ignition temperature:	Will not auto ignite.	
Decomposition temperature:	Not determined.	
Viscosity:	Not applicable - solid.	

Section 10. Stability and Reactivity

Chemical stability	Stable if used as intended.	
Thermal stability:	Stable if used as intended.	
Hazardous reaction:	Possibility of hazardous reaction with strong acids and strong alkali.	
Conditions to avoid	No further information	
available. Materials to avoid	Strong acids and	
strong bases. Hazardous decomposition:	No	
further information available.		

Section 11. Toxicological Information

Toxicological:	When used and handled according to instructions, the product does not have any harmful effects based upon our experience.	
Sensitization:	No sensitizing effects known.	
General EU Guidelines:	Not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.	
NTP	Not listed in the National Toxicological Program Report on Carcinogens, 2011.	
IARC	International Agency for Research on Cancer MONOGRAPHS VOLUME 68: Zeolite cannot be evaluated as to the carcinogenicity to humans (Group 3).	

Section 12. Ecological Information

Toxicity:	No known toxicity to plants or animals.
Environmental fate	Inorganic material does not decompose and is not eliminated from environment by means of biological cleaning processes.
Bioaccumulation:	Does not bio accumulate in animal or plants.
Mobility in soil:	Not mobile.

Section 13. Disposal Consideration

Classification:	Not a Hazardous Waste.
Disposal method:	Small uncontaminated quantities can be disposed of with household waste.

Dispose in accordance with federal, state (provincial), and local regulations.

Section 14. Transportation Information

UN Number:	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
UN Proper Shipping	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
Transport Hazard Class:	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
Packing Group:	DOT, ADR, IMDG, IATA:	Not Regulated
Marine pollutant:	No.	
Proper shipping name:	Non-Hazardous for Transport.	
Hazard Symbol:	None required.	
Hazard Id Number (HIM):	None.	
