



MSDS

IDENTITY: ZEOLITES, SMALL GRANULES

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zeolites, Small Granules

MANUFACTURER: SDS Blocker Inc.

SUPPLIER: SDS Blocker Inc., 18351 IRVINE BLVD, TUSTIN, CA 92780

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME:	Zeolite
FORMULA:	M ₂ /nO. Al ₂ O ₃ . xSiO ₂
MOLECULAR WEIGHT:	162.045576
CAS NUMBER:	1318-02-1
TSCA INVENTORY:	Listed
EINECS No.:	215-684-8
ID OF DANGER:	
SYMBOL:	-----
R-Phrases:	-----

3. HAZARDS IDENTIFICATION

May be harmful if inhaled and ingested.

May cause eye and skin irritation

4. FIRST AID MEASURES

GENERAL ADVICE	Wash off immediately with soap and plenty of water. In the case of inhaled dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.
INHALATION	Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.
SKIN CONTACT	Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician
EYE CONTACT	Remove any contact lenses at once. Flush eyes well with a large amount of running water for at least 15 mins. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician
INGESTION	Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA: Carbon dioxide, dry chemical powder, foam, water spray
- FIRE & EXPLOSION HAZARDS: Toxic, irritating dust or smoke may be emitted
- SPECIAL PROTECTIVE EQUIPMENT: Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS: Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.
- ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering sewers, water courses or low areas
- METHODS FOR CLEAN UP: Do not touch spilled material without suitable protection (see sec. 8). After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure limits. Use only with adequate ventilation
- STORAGE: Store away from sunlight in well ventilated dry place at room temp. keep container tightly closed.
- INCOMPATIBLE PRODUCTS: Strong acids and fluoric acid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- ENGINEERING MEASURES: Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation
- VENTILATION: Local exhaust: necessary, mechanical (general): recommended
- PERSONAL PROTECTION:
- Respiratory protection: Use a NIOSH/MSHA or European Standard EN149 approved respirator of the vapor concentrations exceed regulatory guidelines
 - Hand protection: Chemical resistant gloves
 - Eye protection: Safety glasses (goggles)
 - Skin protection: Protective clothing
- CONTROL PARAMETER:
- OSHA final limits: None established
 - ACGIH TLV(s): None established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White – pale brown, small granule
ODOR:	Not available
pH:	Not available
BOILING POINT:	Not available
MELTING POINT:	Not available
FLASH POINT:	Not available
FLAMMABILITY (solid, gas)	Not available
DECOMPOSITION TEMP:	Not available
EXPLOSIVE LIMITS:	Not available
VAPOR PRESSURE:	Not available
SPECIFIC GRAVITY:	Not available
SOLUBILITY IN:	
WATER:	Practically insoluble
ETHANOL:	Practically insoluble
Log Po/w	Not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Sunlight, heat
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong acids and fluoric acid
HAZARDOUS DECOMPOSITION PRODUCTS:	Magnesium oxide, silicon oxides, may be formed
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:	Not available
IRRITATION DATA:	Not available
MUTATION DATA:	Not available
REPRODUCTIVE EFFECTS DATA:	Not available
TUMORIGENIC EFFECTS DATA:	Not available
ADDITIONAL INFORMATION:	
NTP:	Not listed
IARC:	Not listed
OSHA:	Not listed
ACGIH	Not listed

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY:	Not available
BIOACCUMULATION POTENTIAL:	Not available
AQUATIC TOXICITY:	Not available
OTHER INFORMATION:	Not available

13. DISPOSAL CONSIDERATION

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber. And then bury in a landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state and federal laws and regulations (contact country, local or state environmental agency for specific rules).

14. TRANSPORT INFORMATION

IATA: Not Restricted
DOT (Department of transportation): Not a hazardous material for DOT shipping

15. REGULATORY INFORMATION

US REGULATIONS:

EPA: CERCLA RQ = Not listed
EPCRA TPQ = Not listed
OSHA: TQ = Not listed

EU REGULATIONS:

SYMBOL: -----
R-phrases: -----
S-phrases: -----
EC index No. Not listed

16. OTHER INFORMATION

No Specific notes

The above information is believed to be correct to the best of our knowledge and information but does not purport to be all inclusive and shall be used only as a guide. This product is intended to be used by expert persons having chemical knowledge and skill, at their own discretion and risk and SDS PRODUCTS shall not be held liable for any damages resulting from handling or from contact with the above material.