

MATERIAL SAFETY DATA SHEET

MSDS

Z Swimming Pool Filter Media

Date-Issued: 12/03/2003
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Revision No: New MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Z Swimming Pool Filter Media
GENERAL USE: Swimming Pool Filter Media
CHEMICAL FAMILY: Filter Media

MANUFACTURER

Manufactured For
Asepsis
P.O. Box 1788
Suwanee, GA 30024-0973
Customer SERVICE: (800) 959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800 - 5553
CHEMTREC (US Transportation) : (800) 424 - 9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Natural Zeolite Ore		100

COMMENTS: Product may contain minimal amounts (<0.2%) free crystalline silica (quartz). The recommended TLV-TWA is 0.05 mg/m3.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Tan to light green odorless crystalline granules

IMMEDIATE CONCERNS: CAUTION: Avoid contact with eyes, skin and clothing. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

EYES: May cause mechanical irritation with redness, itching and swelling. Avoid contact with eyes.

SKIN: Product is not expected to cause skin irritation. However, as part of a good work and personal hygiene practices, avoid unnecessary contact with skin.

INGESTION: No evidence of adverse effects from available information.

INHALATION: This product is not expected to present an inhalation hazard for normal use practices. However, mechanical irritation can occur at dust levels above 3 mg/m3. Avoid breathing dust.

CHRONIC: Long term inhalation of crystalline silica dusts may cause lung disease (silicosis).

ROUTES OF ENTRY: Eye Contact and Inhalation.

4. FIRST AID MEASURES

EYES: If contact with eye occurs: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

SKIN: Brush off excess product and wash skin with plenty of soap and water. If mechanical irritation develops, get medical attention.

INGESTION: Not an expected route of overexposure.

INHALATION: If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call poison control center or doctor for treatment advice.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Non-Flammable

GENERAL HAZARD: This product is not flammable or combustible.

EXTINGUISHING MEDIA: Appropriate to surrounding materials.

EXPLOSION HAZARDS: Not considered to be an explosion hazard.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up dry material and dispose in normal trash, or dilute residue and wash spill area with large amounts of water and flush to drain.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing dust.

HANDLING: Do not mix with other chemicals.

STORAGE: Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to minimize exposure to dust.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Use of safety glasses with side shields is recommended, if conditions warrant.

SKIN: No special requirement.

RESPIRATORY: None required for normal use. However, if product is used in an area with poor ventilation, a dust mask is recommended.

PROTECTIVE CLOTHING: None required when used as directed.

WORK HYGIENIC PRACTICES: In accordance with good industrial hygiene practices, wash hands thoroughly with soap and water after handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Crystalline granules

COLOR: Tan to light green.

pH: Not Applicable

PERCENT VOLATILE: Non-volatile

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

MELTING POINT: 1050°C

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.5 to 1.7 (water=1)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Strong oxidizers or strong acids.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May cause mechanical irritation

SKIN EFFECTS: This product is not expected to be a skin irritant based on its components.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is not toxic to aquatic animals and plants.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: If unable to use product in pool, dispose of in household trash.

EMPTY CONTAINER: Do not reuse empty container. Discard in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated as a DOT Hazardous Material

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** NO

313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product is listed on the TSCA Inventory as a naturally occurring chemical.

RCRA STATUS: This product, as sold, would not be considered a RCRA Hazardous Waste.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a US EPA registered pesticide.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY New MSDS

HMIS RATING

HEALTH:		1
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA RATING

HEALTH:	1
FIRE:	0
REACTIVITY:	0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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