



MATERIAL SAFETY DATA SHEET

DEAD SEA CLAY

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: DEAD SEA CLAY
Product Use: Personal Care Formulations
Company Name: Voyageur Soap & Candle Co. LTD
Company Address: Unit 14 - 19257 Enterprise Way, Surrey BC
V3S 6J8
1 (800) 758-7773
Emergency Telephone Number: 1(800) 424-9300 CHEMTREC

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients: Hydrous alumina silicate
Hazardous Ingredients: No preservatives or solvents present. Total quartz (SiO₂) is not more than 30% by dry weight, and it is not fine enough to be normally respirable.
CAS No: 1332-58-7

3. HAZARDS IDENTIFICATION

Emergency Overview:
Inhalation: The product may contain breathable dust. Prolonged inhalation of a high concentration of dust may affect lung function. To use in complete safety, respect exposure limits.
Exposure Limits:
OSHA PEL: 0.90 mg/m³ As Total Dust
0.58 mg/m³* As Respirable Dust
TLV-TWA: 0.3 mg/m³* As Respirable Dust
* Based on free silica content

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash off with water.
Ingestion: No particular measure. Seek medical attention if large dose is ingested.
Inhalation: Remove to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Inflammable, not toxic. No reported risk in the event of fire.

Special Firefighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Precautions: Avoid dust formation. In the event of a high level exposure to volatile dust, wear a protective mask and safety goggles.
Methods for Cleaning Up: Sweep up small spills carefully. For large spills, use water sprays or ventilated evacuation systems to prevent dust prevention. Dispose of according to local regulations.
Risks of falls and slips: Dampening the floor while cleaning a clay storage site may render it extremely slippery. Dry cleaning is recommended if people are required to continue working on the site.

7. HANDLING AND STORAGE

Handling
Safe Handling: Avoid dust formation. Provide appropriate ventilation where dust forms. In the event where there is insufficient ventilation wear suitable breathing equipment.
Storage
Requirements for Storage Areas and Containers: Store in closed containers below 30°C in well ventilated areas. May be slippery when wet.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Value Limits:
OSHA PEL: 0.90 mg/m³ As Total Dust
0.58 mg/m³* As Respirable Dust
TLV-TWA: 0.3 mg/m³* As Respirable Dust
* Based on free silica content
Eye: Safety glasses should be worn.
Skin/Body: Gloves should be worn.
Respiratory: In the event of exposure to dust beyond regulatory limits, and even in general during any type of handling wear a NIOSH approved dust/mist respirator.
Ventilation: Provide appropriate ventilation and filters in places where dust may be generated.
Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice: Normal work and hygiene practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder
Color: Green gray
Odor: Earthy
Vapor Pressure: N/A
Apparent Density: 2.7
Solubility: Slightly soluble in water.

10. STABILITY AND REACTIVITY

Stability: Chemically stable, no particular incompatibility, product is without risk of decomposition.

11. TOXICOLOGICAL INFORMATION

Effects of Overexposure: No acute toxicity
Short Term Acute: Minor & reversible. Mechanical irritation to nose and eyes.
Long Term: Exposure to dust and free silica in concentration higher than recommended PEL may cause silicosis.
Carcinogenicity: No reported evidence of carcinogenicity from sea clay > limited evidence of carcinogenicity from minor silica content (IARC 2A).

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data reported

13. DISPOSAL CONSIDERATIONS

Residual Waste / Unused Products: They can be buried in accordance with local regulations. The material must be buried to prevent emission of breathable dust. If possible, recycling is preferable to storing.
Packaging: No particular requirement. In all cases, dust formation due to residues during packaging must be avoided and suitable protection must be provided to workers.

14. TRANSPORT INFORMATION

No precautions required by the regulations of transporting hazardous good. Avoid dust spreading.
DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

15. REGULATORY INFORMATION

No information

16. ADDITIONAL INFORMATION

Disclaimer

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End of Safety Data Sheet

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