

Doc.No.002Q CALSORB Material Safety Data Sheet

Personal protection: Wear eye protection, dust masks / respirators in windy conditions.
Environmental Hazards: Product is inert and thus does not present any hazard to the environment.
Small spill clean up: Dampen with water then mop or sweep up to avoid releasing excessive dust in the clean up of spilled material.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and damage to packaging.
Storage: Follow correct housekeeping procedures.
As above, keep sealed and avoid moisture and contact with liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation in areas where method might result in an excessively dusty environment.
Respiratory protection: Use an approved dust (Type FFP2 or SABS approved) and / or respirator.
Skin protection: None required.
Eye protection: Wear eye protection or full face respirator (SABS approved).
Hand protection: None required.
Exposure Limits: Time Weighted Average (TWA) in 8 hours is 15mg/m³ limits for total dust and the TWA limit value is 5 mg/m³ for respirable dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tan coloured granules.
Colour: Tan.
Odour: Odourless
Melting point: Approximately 1710 °C
Water absorption: Approximately 100 %
Oil absorption: Approximately 0.85 Kg/Kg
Bulk density: 723 - 725 Kg/m³
Specific gravity: 2.3 -2.5 g/cm³ (20 °C), 36.5 °Bé.
Solubility in water: Less than 1 %
pH: 9.0 – 10.0

10. STABILITY AND REACTIVITY

Stability: This material is stable and inert.

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11. TOXICOLOGICAL INFORMATION

Routes of entry: Inhalation, Indigestion.
Toxicity to animals: LD50: Not available
LC50: Not available

Chronic effects on Humans: Carcinogenic effects: Classified 2B (Possible for human).

May cause damage to the following organs: Lungs, upper respiratory tract.

12. ECOLOGICAL INFORMATION

Attapulgit is a naturally occurring mineral which is non-toxic, and therefore not harmful to fauna and flora. Attapulgit is non-biodegradable, but as an inert product it does not pose any threat to the environment.

13. DISPOSAL CONSIDERATIONS

Classification: Disposed material is not a RCRA hazardous waste.
Disposal Method: Dispose in accordance with governmental and local regulations and permits.

14. TRANSPORT INFORMATION

This material is not regulated as a hazardous material for transportation.

Freight classification: NMFC 48250 Class 55

15. REGULATORY INFORMATION

Occupational Health and Safety ACT No. 85 of 1993
Hazardous Chemical Substances Guideline No. 36 – Dusts – (OHSACT)
R-Phrases: R48/20 -Harmful: danger of serious damage to health by prolonged exposure through inhalation