

SECTION VII: HANDLING AND STORAGE

Storage: Bags should be palletised and kept dry. Bulk products should be stored in silos and kept dry. Dust collection system should be utilised to minimise the creation of dust.

Handling: Assess manual handling requirements which may need two man lifting techniques. The product should be handled to minimise the creation of airborne dust particles. Approved goggles and dust masks should be worn as well as long sleeved garments, full length trousers, Wellington boots and gloves. Avoid saturating clothing with mix water, which is alkaline and may lead to skin burns.

SECTION VIII: WORKPLACE EXPOSURE LIMIT

Take measure to prevent: Utilise dust extraction if Occupational Exposure Standard (OES) exceeded.

Exposure control limits/source: O.E.S = 4mg/m³ respirable dust
10mg/m³ total inhalable dust.

Respiratory protection: Dust masks, airstream helmets to an approved standard.

Hand Protection: Gloves.

Eye Protection: Approved anti-dust goggles.

Skin: Full length trousers, long sleeved shirt and impervious boots.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White/Off white, free flowing powder

Odour: Alkaline

pH: N/A

Boiling point: N/A

Melting point: N/A

Flash point: N/A

Flammability (Gas/Solid): N/A

Auto Flammability: N/A

Explosive properties: N/A

Oxidising properties: N/A

Vapour Pressure: N/A

Relative Density: 1.0

Solubility (Water & Fat): Insoluble

SECTION X: STABILITY AND REACTIVITY

Conditions to avoid: Water/moisture (not controlled).

Materials to avoid: None

Hazardous decomposition products: None. The addition of water produces alkali by-products.

SECTION XI: TOXICOLOGICAL INFORMATION

Concise description of toxicological properties, including any special health effects of constituents:

Not classified as hazardous for supply under CHIP Regulations. Respirable dust from any fine powder could, if inhaled over a prolonged period of time, constitute a health hazard.

SECTION XII: ECOLOGICAL INFORMATION

Possible effects: Fresh or used product may be harmful to aquatic life due to the release of alkalis when in contact with water.

Environmental Fate: Minimal.

CONTINUED . . .

SECTION XIII: DISPOSAL CONSIDERATIONS

Likely residues/waste product (if any). Used set product.

Safe handling of any residues/waste product: Normal handling requirement utilising protective equipment is adequate.

Disposal of via skips and licensed tips.

SECTION XIV: TRANSPORT INFORMATION

Special carriage precautions (on site or externally): Nil – material suitable for bulk tankers and sealed bags.
 Keep material dry.
 Clean up spillages by industrial vacuum system.

SECTION XV: REGULATORY INFORMATION

Supply Label Information: Not classified as hazardous for supply under CHIP Regulations.
 Respirable dust from any fine powder could, if inhaled over a prolonged period of time, constitute a health hazard.

EINECS Number: Not applicable

SECTION XVI: OTHER INFORMATION

- Training Advice: Wear and use of PPE
- Recommended Uses and Restrictions. DIY and industrial applications.
- Sources of Key Data Used to Compile Data Sheet: EH40, P.P.E. Regulations 1992.
- Other: EH44 "Dust in the Workplace".
- Health & Safety at Work etc Act 1974.
- Control of Substances Hazardous to Health Regulations 1998.
- HSE Guidance Note EH26 (Occupational Skin Diseases : Health & Safety Precautions), HMSO 1981.
- HSE Leaflet MS(B)9 : Save your skin, advice to employers (1987)
- HSE Guidance Note EH40 (Occupational Exposure Limits)
- Any authorised manual on First Aid by St. John's/St. Andrew's/Red Cross.
- Manual Handling Operations Regulations 1992.

GO BACK