

MATERIAL SAFETY DATA SHEET (MSDS)
Addcrete Anti Dust

MSDS-23
Page 1 of 4
Issue Date 8 May, 2010
Review Date 19 May, 2014

THIS PRODUCT IS CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

Product Name: Addcrete Anti Dust

Other Names: Magnesium Silicofluoride

Manufacturer's Product Code: MASILI30

UN Number: 2853

Dangerous Goods Class & Subsidiary Risk: 6.1 Toxic Substance

Hazchem Code: 2Z

Poisons Schedule Number: 6

Use: Hardening and waterproofing of concrete, cement, brick and plaster surfaces. Used as a wood preserver.

Physical Description/Properties

Appearance: White granular crystals

Boiling Point/Melting Point: >100

Vapour Pressure: Not applicable

Specific Gravity: 1.79

Flashpoint: Not applicable

Flammable Limits: None

Solubility in Water: 648

Other Properties : Reacts with acids evolving HF and SiF₄, irritating and corrosive gases.

| <u>Ingredients</u> | <u>CAS Number</u> | <u>Proportion</u> |
|--------------------------|-------------------|-------------------|
| Magnesium Fluorosilicate | 18972-56-0 | > 98% |

HEALTH HAZARD INFORMATION,

ACUTE HEALTH EFFECTS

Swallowing

Moderately toxic. Slightly irritative.

Eye

Moderately irritative.

Skin

Moderately toxic. Slightly irritative. Can be absorbed through the skin.

Inhalation

Exposure to dust is moderately irritative to the respiratory tract. (including mucous membranes, throat and lungs). Moderately toxic.

CHRONIC HEALTH EFFECTS

May cause osteosclerosis, kidney damage, and a rash may develop.
No Data Available.

FIRST AID TREATMENT

Swallowing

Contact a doctor or the Poisons Information Centre immediately. Give 1-3 cup of water, induce vomiting. Immediately transport to a hospital or doctor.

Skin Contact

Wash off with soap and water.

Eye Contact

Flush with copious quantities of water. Immediately seek medical attention.

Inhalation

Remove from contaminated area. If not breathing apply artificial resuscitation. Immediately transport to hospital.

Advice to doctor

Treat symptomatically. Contact Poisons Information Centre.

PRECAUTIONS FOR USE

EXPOSURE LIMITS

WorkSafe Australia Exposure Standard

None applicable.

ENGINEERING CONTROLS

Ensure adequate ventilation to keep airborne concentrations low.

PERSONAL PROTECTION

All purpose canister respirator, butyl rubber gloves and boots, cotton overalls to protect skin and clothing. Do not wear contact lenses. Store work clothing separately from street clothing. Wash contaminated clothing before reuse.

Flammability

Non flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

| | |
|-------------------------------|---|
| Storage Temperature: | Room temperature |
| UN Class: | 6.1 |
| Packaging Group: | 111 |
| UN Number: | 2853 |
| EPG Number: | 34 |
| Correct Shipping Name: | Magnesium Fluorosilicate, Hexahydrate |
| Storage Advice: | Transport or store away from strong acids. Transport or store in a dry place. |

SPILLS AND DISPOSALS

Clean up personnel should wear full protective clothing including respiratory protection. Avoid raising dust. Shovel into plastic film bags. Add/mix small portions of material to excess water in an open vessel. Do not wash untreated material down the drain or sewer. For small quantities contact Local Waste Disposal Authority before you dispose of to the drain or sewer with a large amount of water.

FIRE/EXPLOSION HAZARD

Evolves irritating, corrosive and toxic gasses on decomposition.

DECOMPOSITION PRODUCTS.

None noted.

| | |
|--|--|
| In case of small fire/explosion use: | Water |
| In case of major emergency: | Not Applicable |
| HAZCHEM CODE: | 2Z |
| Extinguishant: | Water, or as for other chemicals present |
| Danger of violent reaction or Explosion?: | No |
| Protective clothing: | Full protective including SCBA |
| Appropriate measures: | Summon Fire Brigade immediately |
| Evacuate?: | Yes move up wind from fire |

OTHER INFORMATION

Contact with strong acids may cause formation of toxic and irritating HF gas.

CONTACT POINT

Addctete (03) 9775 1745