

MATERIAL SAFETY DATA SHEET

Filtra Sol

Section 1: Material Identification

Manufacturer: Numinor Chemical Industries Ltd.
Address: P.O.B 92, 24952 Maalot, Israel
Telephone: 972-4-9978220
Fax: 972-4-9976062

Trade Name: Filtra Sol
Chemical Composition: $\text{CaCO}_3 + \text{ZnO} + \text{Si}_4 \text{Mg}_3 \text{O}_3$

Product Uses: Protective Whitener for Agricultural Crops

Section 2: Hazardous Ingredients Data

Non-Hazardous Material.

Main Ingredient: Calcium Carbonate (Limestone)
Trace Elements: This product contains trace amounts of elements.

Threshold Limit Values: Inert or Nuisance Dust
5 mg/m³ respirable (ACGIH & OSHA)
10 mg/m³ total dust (ACGIH)
15 mg/m³ total dust (OSHA)

Effects of Overexposure: May cause mechanical irritation to eyes and respiratory tract.

Emergency First Aid Procedures:
Wash dust from skin with soap and water. Flush out eyes for at least 15 minutes. Consult a physician if irritation continues.

Section 3: Physical Data

Physical State: Solid
Odor and Appearance: Odorless White Powder
Odor Threshold: Not Applicable
Vapor Pressure: Not Applicable
Evaporation Rate: Not Applicable
Boiling Point: Not Applicable
Specific Gravity: 2.70 g/co
Solubility in Water: Negligible
pH: 9.0

Section 4: Fire and Explosion Hazard Data

Flammability: Non-Flammable
Explosion Data: Non-Explosive
Flash Point: Not Applicable
Flammable Limits: Not Applicable
Special Fire-fighting Procedures:
None
Unusual Fire and Explosion Hazards:
None
Extinguishing Media: Water

Section 5: Reactive Date

Stability: Stable but decomposes at 600 degrees Celsius
liberation CO₂
Incompatibility: Reacts with strong acids to liberate CO₂
Hazardous Decomposition Products:
None

Section 6: Special Protection Data

Personal Protection Equipment:

Eye Protection: Safety glasses or dust-tight goggles
Skin Protection: Leather or rubber gloves

Respiratory Protection: When exposure limits may be exceeded, use of
dust respirator is recommended.
Local exhaust ventilation is recommended in order
to keep dust below the exposure limits. When dust
cannot be controlled, personal respiratory
equipment should be used.

Section 7: Spill Leak and Disposal Data

Clean-Up Procedures: Workers involved should use respiratory protection for airborne dust.
Care should be taken to keep the dust level down. Vacuum cleaning systems are
recommended. Wetting the spill with a water spray may also keep airborne dust level down.
Disposal must be done in accordance with local regulations.

Prepared by Numinor Chemical Industries Revision Date: 01/12/2012