



# American International Chemical, Inc.

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## MATERIAL SAFETY DATA SHEET

### ALUMSIL 150

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#### SECTION I - GENERAL INFORMATION

Revision Date: August 2007

Emergency Number: Chemtrec 800-424-9300 or 703-527-3887

Information Number: 800-238-0001

Synonyms: Sodium Aluminosilicate

CAS #: 1344-00-9

OSHA Hazardous Substance: No

DOT Hazard Class: Not Regulated

#### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Not Applicable

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H<sub>2</sub>O=1): 2.10

Percent Volatile by Volume(%): Not Applicable

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Insoluble

Appearance and Odor: White powder, no odor

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pH: Not Applicable

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media:

Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard: Not Applicable

Auto Ignition Temperature: Not Applicable

**SECTION V - REACTIVITY DATA**

Stability: Stable under normal conditions.

Conditions to Avoid:

Non-reactive solid particulate matter.

Hazardous Polymerization: Will not occur under normal conditions.

Hazardous Decomposition Products:

May be converted to crystalline silica above 950° C.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes Eye: Yes

Health Hazards:

Acute, available human data indicates predicted amorphous silica to be relatively non-toxic. Animal data demonstrates pulmonary effects that are apparently reversible. Prolonged contact can have a dehydrating effect on respitorial tract, eyes and skin.

Inhalation: TLV 10mg/m<sup>3</sup>

Carcinogenicity:

Listed by ACGIH - No IARC - No NTP - No OSHA - No

Signs - Symptoms of Exposure:

Prolonged contact may cause irritaion of the skin and mucous membranes.

Medical Conditions Aggravated by Exposure: None Known

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Emergency First Aid Procedures:

Wash with clean water. If particle enters eye, flush with water.

## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled:

Sweep up and remove as for any other inert solid material such as sand or soil.

Waste Disposal Method:

Dispose according to federal, state and local disposal and discharge laws.

Precautions to be Taken in Handling and Storage:

Handling procedures should minimize generations of airborne dust.

## **SECTION VIII - CONTROL MEASURES**

Respiratory Protection Type:

NIOSH Approved. Dust respirator as appropriate where exposure exceeds TLV.

Ventilation Requirements:

As necessary to keep within TLV of 10mg/m<sup>3</sup>

Protective Gloves, Clothing or Equipment Requirements:

Protective gloves optional in case of driving. Eye protection optional in case dust is present.

Work, Hygienic Practices:

Handling procedures should minimize generations of airborne dust.

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