

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date:10/25/93

Product Name: Niacinamide

Molecular Formula:

CAS No.: 98-92-0

SECTION 2: HAZARDOUS INGREDIENTS:

SECTION 3: PHYSICAL DATA

Odor: slight to none
Appearance: white crystalline powder
Melting point.:266 °F
Boiling point:N/A
Decomposition temperature: N/A
pH (depends on quality): 6.0-7.5
Solubility in water: very soluble
Specific gravity (water = 1) N/A
Vapor density: N/A
Vapor pressure:N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A
Flammable limit: N/A
Flammability: N/A
Extinguishing media:CO2, dry chemicals, alcohol foam, water spray
Fire fighting procedures: Evacuate area and fight fire from safe distance. Wear self-contained breathing apparatus pressure-demand and full protective gear.
Unusual fire and explosions hazards: None.

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition byproducts: Ammonia. When heated to decomposition, NO is released.

Incompatibilities/Condition to Avoid: Oxidizing materials, strong acids, and bases.

Hazardous Polymerization: not prone to hazardous polymerization.

SECTION 6: HEALTH HAZARD DATA

Toxicity: oral-rat LD50: 2500 mg/kg

Route of Entry: Inhalation, Ingestion

Permissible Exposure limits: N/A

TWA: 15 mg/m³ nuisance dust

TLV: N/A

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Absorb spill with inert material, then sweep or vacuum and place in chemical waste container.

Disposal: Prevent from entering soil or sewer and drainage systems. Dispose of according to federal, and local regs. -

-----SECTION 8: FIRST AID PROCEDURES

Eye Contact: Flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention

Skin Contact: Wash with soap and water. Seek medical attention if irritation develops or persists.

Inhalation: No specific treatment is necessary since the material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust, move to fresh air and get medical attention if cough or other symptoms develop.

Ingestion: Dilute with milk or water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

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SECTION 9: HANDLING AND STORAGE INFORMATION: Avoid contact with eyes, skin, and avoid dust residues even after container is empty. Wash thoroughly after handling, and use with adequate ventilation. Keep container tightly closed when not in use.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: process enclosures, local exhaust, or other engineering controls to control dust **Skin**
Protection: Impervious gloves and chemical protective clothing as needed.
Eye Protection: Safety glasses with side shields(or goggles) and face shield.
Respiratory Protection: NIOSH/MSHA approved air purifying respirator.
Other:

SECTION 11: TRANSPORT INFORMATION

DOT Classification: **NOT A REGULATED MATERIAL.**

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations: N/A

WHMIS (Canada): N/A

DSCL (EEC): N/A

HMIS (USA): N/A