



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
COLUMBUS, WISCONSIN 53925-0008
(920) 623-2140
FAX (920) 623-2577

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Strontium Nitrate

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries

P.O. Box 8, N4335 Temkin Rd.

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

920-623-2140

Date Prepared

09-19-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Strontium Nitrate, 10042-76-9, Not Available, Not Available, Not Available.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (645°C (1193°F)), Specific Gravity (H2O = 1) (Not Available), Vapor Pressure (mm Hg) (Not Available), Melting Point (570°C (1058°F)), Vapor Density (AIR = 1) (Not Available), Evaporation Rate (Butyl Acetate = 1) (Not Available).

Solubility in Water

Soluble

Appearance and Odor

White crystals or powder

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: non-flammable, Not Applicable, Not Applicable.

Extinguishing Media

WATER only, no dry chemical, carbon dioxide, or halon

Special Fire Fighting Procedures

Self-contained air supply to protect from oxides of nitrogen. Move container from fire area if possible. Cool water to containers exposed to flames well after fire is out. For massive fire use unmanned hoses. Keep runoff from H2O supply

Unusual Fire and Explosion Hazards

Noxious fumes (oxides of nitrogen) may form. Oxidizer!

Contact with organics/other combustibles may result in explosion/ violent combustion

**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Avoid contact with organics
	Stable	X		

**Incompatibility Materials to Avoid**

Organics and Combustible Materials, reducing agents, acids, alkalis.

**Hazardous Decomposition or Byproducts**

Oxides of Nitrogen and magnesium

**Hazardous Polymerization****Conditions to Avoid**

	May Occur		No known conditions
	Will Not Occur	X	

**Section VI Health Hazard Data**

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
	Yes	Yes	Yes

**Health Hazards (Acute and Chronic)**

Skin and eye irritant. Inhalation causes irritation to the upper respiratory tract may cause difficulty in breathing, shortness of breath. Ingestion is very harmful.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
	Not Listed	Not Listed	Not Listed

**Signs and Symptoms of Exposure.**

SKIN and EYES: Pain, reddening, tearing, irritation, burning. INHALATION: Irritation of mucous membranes and upper respiratory tract, headache. INGESTION: May cause nausea, vomiting, diarrhea.

Medical Conditions Generally Aggravated by Exposure

n/a

**Emergency and First Aid Procedures** **INGESTION:** If swallowed, call a physician immediately, DO NOT INDUCE VOMITING. Do not leave victim unattended. **EYES:** In case of contact, immediately flush with large amounts of water for at least 15 minutes. Call physician. **INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician. **SKIN:** Immediately wash skin with soap and water.

**Section VII Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Keep combustibles from spilled material. Wear glasses, chemical resistant gloves, apron and dust mask if necessary. Do not touch material. Sweep up, avoid creating dust and place into clean container for disposal.

**Waste Disposal Method** Observe all Federal, State, and Local regulations when disposing of this material. Disposal must comply with standards applicable to generators of hazardous waste.

**Precautions to be Taken in Handling and Storing** Do NOT get on skin, clothing, or in eyes. Avoid breathing dusts. Keep out of reach of children. store in a cool, dry place. Avoid contact with flammable materials or oxidizable materials.

**Other Precautions** Avoid contact with combustible materials.

**Section VII Control Measures**

**Respiratory Protection (Specify Type)** Normally, none are needed, use dust mask if conditions warrant.

Ventilation	Local Exhaust	Recommended	Special	Eye wash station
	Mechanical (General)	N/A	Other	Safety Shower

**Protective Gloves** Appropriate chemical-resistant gloves. **Eye Protection** Safety glasses

**Other Protective Clothing or Equipment** Apron or lab coat.

**Work /Hygienic Practices** Do NOT get on skin, clothing, or in eyes. Avoid breathing, Store in cool, dry place . Avoid contact with flammable materials. Avoid storing with combustible materials. Keep out of reach of children.