



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
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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)

Naphthalene

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, Inc.

N4335 Temkin Road

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

920-623-2140

Date Prepared

04-10-2006

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: Naphthalene\*, 91-20-3, 10 ppm, 10 ppm, Not Available.

\*Chemical Subject to the reporting requirements of SARA Title III Section 313

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (218°C (424°F)), Specific Gravity (H2O = 1) (Not Available), Vapor Pressure (mm Hg) @ 20°C (0.05), Melting Point (80°C (176°F)), Vapor Density (AIR = 1) (4.4), Evaporation Rate (Butyl Acetate = 1) (Not Available).

Solubility in Water

Insoluble

Appearance and Odor

White crystals

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: 79°C (174°F) cc, [blank], 0.9, 5.9.

Extinguishing Media

Water spray, dry chemical, carbon dioxide, alcohol foam.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions. Autoignition 526°C (979°F) FLAMMABLE SOLID!

**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Ignition sources
	Stable	X		

**Incompatibility Materials to Avoid**

Oxidizing agents

**Hazardous Decomposition or Byproducts**

Carbon oxides.

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

	May Occur		N/A
	Will Not Occur	X	

**Section VI Health Hazard Data****Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

	Yes		Yes
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**Health Hazards (Acute and Chronic)**

SKIN: Causes irritation, absorbed through skin. EYE: Causes eye irritation. INHALATION: Harmful if inhaled.

Material is irritating to the mucous membranes and upper respiratory tract. INGESTION: Toxic if swallowed.

Severe overexposure can result in death.

**Carcinogenicity****NTP****IARC Monographs****OSHA REGULATED?**

	Not Listed	Not Listed	Not Listed
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**Signs and Symptoms of Exposure.**

Irritation, especially to mucous membranes of eyes and upper respiratory tract. Itching, redness, swelling of exposed

tissues. Dermatitis. Diarrhea, violent colic.

**Medical Conditions Generally Aggravated by Exposure**

Asthma, emphysema, other respiratory diseases. Preexisting skin conditions.

**Emergency and First Aid Procedures**

INGESTION: If swallowed, wash out mouth with water if person is conscious. EYES: In of contact, immediately flush with large amounts of water for at least 15 minutes. INHALATION: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. SKIN: Immediately wash skin with soap and large amounts of water. CALL A PHYSICIAN.

**Section VII Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear NIOSH/MSHA-approved respirator, chemical-resistant goggles, rubber boots, apron and rubber gloves. Sweep up and place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Waste Disposal Method** Dispose in accordance with all Federal, state, and local regulations.

**Precautions to be Taken in Handling and Storing**

Keep in tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Sensitive to light exposure.

**Other Precautions**

Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

**Section VII Control Measures****Respiratory Protection (Specify Type)**

NIOSH/MSHA-approved respirator with dust/mist cartridge if necessary.

**Ventilation****Local Exhaust**

Necessary.

**Special**

Eyewash nearby.

**Mechanical (General)**

Recommended.

**Other**

Safety shower nearby.

**Protective Gloves**

Chemical resistant gloves.

**Eye Protection**

Chemical Safety goggles.

**Other Protective Clothing or Equipment**

Coveralls, rubber apron.

**Work /Hygienic Practices**

Contact lenses should not be worn when working with this material. Do not breathe dust. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Wash thoroughly after handling. Avoid prolonged or repeated exposure. **FLAMMABLE SOLID!**

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