



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)

Benzoic Acid

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

1 (920) 623-2140

Date Prepared

04-11-2005

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: Benzoic Acid, 65-85-0, Not established, Not established, Not established.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (249°C (480°F)), Specific Gravity (H2O = 1) (1.2659), Vapor Pressure (mm Hg) @ 25°C (0.0007), Melting Point (122°C (152°F)), Vapor Density (AIR = 1) (4.21), Evaporation Rate (Butyl Acetate = 1) (Not Available).

Solubility in Water

Complete.

Appearance and Odor

White to tan solid

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: 121°C (250°F) (closed cup), Not Available, Not Available, Not Available.

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

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

May produce toxic fumes under fire conditions. Vapor from molten benzoic acid may form explosive mixture with air.

High concentration of dust may form explosive mixture in air. Autoignition temperature 570°C (1058°F)

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Incompatibles.
	Stable	X		

Incompatibility Materials to Avoid

Oxidizers

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: May cause irritation of skin. EYE: May causes eye irritation. INHALATION: May be harmful if inhaled. Material may cause irritation to the mucous membranes and upper respiratory tract. INGESTION: May be harmful if swallowed.

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

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

Contact with skin or eyes may cause burning, itching or redness. Inhalation may cause coughing or sneezing.

INGESTION: May cause nausea, vomiting or diarrhea.

Medical Conditions Generally Aggravated by Exposure

Unknown.

Emergency and First Aid Procedures

CALL A PHYSICIAN. INGESTION: Do not induce vomiting; if conscious, give water, milk, or milk of magnesia. SKIN/EYES: Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

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

Wear full protective clothing. Ventilate area. Sweep up and place in a bag and hold for waste disposal. Avoid raising dust. Place into an appropriate container for disposal. Ventilate and wash spill area after material pickup is complete.

Waste Disposal Method Dispose of material in accordance with all applicable Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly-closed, plainly-labelled containers. Store in a cool, dry, corrosion-resistant and ventilated area. Protect against physical damage and light. Protect exposed tissues. Do not ingest or breathe vapors.

Other Precautions Containers, even when empty, will retain residue. 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 Recommended.

Special Eye wash nearby.

Mechanical (General) Recommended.

Other Safety shower nearby.

Protective Gloves Chemical resistant gloves.

Eye Protection Chemical safety goggles

Other Protective Clothing or Equipment Lab coat or apron.

Work /Hygienic Practices Wash exposed area thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.