



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)

Pyridine

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

06-30-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Pyridine*	110-86-1	5 ppm	5 ppm	Not Available	

Synonyms: Azine, Azabenzene

*Subject to the reporting requirements of SARA Title III.

*EPA TSCA Section 8(B) Chemical Inventory.

Section III - Physical/Chemical Characteristics

Boiling Point	115 °C	Specific Gravity (H ₂ O = 1) @ 20 °C	0.98
Vapor Pressure (mm Hg)	10 mmHg	Melting Point	-42 °C
Vapor Density (AIR = 1)	2.72	Evaporation Rate (Butyl Acetate = 1)	Not available

Solubility in Water

Complete

Appearance and Odor

Colorless to yellow liquid with a strong, pungent odor.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
20 °C / 68 °F (TCC)		1.8%	12.4%

Extinguishing Media

Carbon dioxide, Dry chemical powder, or appropriate foam. Water may be effective for cooling but ineffective for extinguishing.

Special Fire Fighting Procedures

Wear Self-contained Breathing Apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire-exposed containers

Unusual Fire and Explosion Hazards

Emits harmful fumes under fire conditions. Vapors may travel considerable distance to ignition source and flash back. Container explosion may occur under fire conditions. May form explosive mixtures with air.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	
	Stable	X		May degrade some plastics and rubbers

Incompatibility Materials to Avoid

Strong acids, oxidizing agent, metals (aluminum, zinc and copper in particular).

Hazardous Decomposition or Byproducts

May evolve cyanides, acids, oxidizing agents.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		Not Applicable
	Will Not Occur	X	

Section VI Health Hazard Data

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

Health Hazards (Acute and Chronic)

Inhalation: Burning sensation, Wheezing, Headache, Coughing, Nausea, Vomiting, Shortness of Breath, Dizziness, Tachycardia, Nervousness, Anorexia. Readily absorbed through the skin. Irritating to mucus membranes. Harmful if swallowed. Causes severe eye irritation.

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

Signs and Symptoms of Exposure.

Inhalation: Burning sensation, Wheezing, Headache, Coughing, Nausea, Vomiting, Shortness of Breath, Dizziness, Tachycardia, Nervousness, Anorexia. Readily absorbed through the skin. Irritating to mucus membranes.

Medical Conditions Generally Aggravated by Exposure

May exacerbate Respiratory, Skin, or Eye disorders

Emergency and First Aid Procedures Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped.

Seek Medical Attention. Skin: Remove contaminated clothing. Rinse with copious amounts of soap and water.

Ingestion: If conscious induce vomiting and seek medical attention.

Eyes: Rinse eyes with copious amounts of water, Seek medical attention.

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

Wear respirator with acid/organic cartridges, rubber boots, and heavy rubber gloves. Cover with dry lime, sand, or soda ash. Remove ignition sources. Place in covered containers using non sparking tools and transport to a well-ventilated storage area. Thoroughly wash and ventilate spill area following cleanup.

Waste Disposal Method Dispose of following all federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly-closed, plainly-labelled containers, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from heat, sparks and flame. Maintain adequate ventilation. Ground all equipment containing this material. Do not ingest or breathe vapors. Protect exposed tissues. Store away from heat.

Other Precautions Containers, even when empty, will retain residue. Always obey hazard warnings and handle empty as if they were full. Olfactory sensory adaptation quickly occurs / odor is NOT a reliable guide to concentration.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved respirator with acid/organic cartridges

Ventilation	Local Exhaust	Use in Fume Hood	Special	N/A
	Mechanical (General)	Spill Tray	Other	N/A

Protective Gloves Chemically resistant gloves **Eye Protection** Safety Glasses, or Goggles

Other Protective Clothing or Equipment Safety Shower, Eyewash Station, Lab Coat or Apron

Work /Hygienic Practices Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing.