



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)

Sodium Acetate, Trihydrate

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

N4335 Temkin Road

Columbus, Wisconsin 53925

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1-920-623-2140

Date Prepared

08-28-2006

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)
Sodium Acetate*	6131-90-4	15 mg/m ³ (dust)	10 mg/m ³ (dust)	Not Available	

*SYNONYMS: Acetic acid, sodium salt.

Section III - Physical/Chemical Characteristics

Boiling Point	Not Available	Specific Gravity (H ₂ O = 1)	Not Available
Vapor Pressure (mm Hg)	Not Available	Melting Point	324 °C / 615 °F (dec.)
Vapor Density (AIR = 1)	Not Available	Evaporation Rate (Butyl Acetate = 1)	Not Available

Solubility in Water

76 grams per 100 cc water at 0 °C

Appearance and Odor

Colorless crystals, slight vinegar odor (slight odor of acetic acid).

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Combustible		Not Applicable	Not applicable

Extinguishing Media

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

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin or eyes. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions. Potential dust explosion hazard if fine particles in the presence of ignition source.

AUTOIGNITION TEMPERATURE: 611 °C (1132 °F) for anhydrous sodium acetate.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Strong oxidizing agents.
	Stable	X		

Incompatibility Materials to Avoid

Nitric acid, fluoride, potassium nitrate, strong oxidizers and diketene.

Hazardous Decomposition or Byproducts

Carbon dioxide, carbon monoxide, acetic acid.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		
	Will Not Occur		Not listed

Section VI Health Hazard Data

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

Health Hazards (Acute and Chronic)

Irritating to the skin, eyes, mucous membranes and upper respiratory tract. May be harmful if swallowed. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Ingestion or inhalation may cause damage to respiratory and digestive tracts.

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

Signs and Symptoms of Exposure.

Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, vomiting, erythema, blisters, tissue destruction, bloody diarrhea, edema, convulsions, bronchitis, pneumonia, cardiovascular collapse, shock and death.

Medical Conditions Generally Aggravated by Exposure

Asthma, emphysema, other respiratory diseases.

Emergency and First Aid Procedures

EYES/SKIN: Flush immediately with plenty of water for at least 15 minutes. Remove contaminated clothing. Remove contact lenses if possible. Call physician if irritation develops. Wash clothing before reuse. **INGESTION:** DO NOT induce vomiting. Give several cups of water to conscious victim. Call a physician. **INHALATION:** Move to fresh air. Give oxygen if breathing is difficult, artificial respiration if not breathing.

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

Evacuate unprotected personnel from area. Eliminate all ignition sources. Ventilate spill area. Wear dust respirator, rubber boots, heavy protective gloves and chemical safety goggles. Sweep up, avoid creating dust. Place into suitable container and hold for disposal. Flush spill area with water.

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

Precautions to be Taken in Handling and Storing

Do not get in eyes or on skin or clothing. Do not taste or swallow. Avoid breathing dust. Use only with adequate ventilation. Wash thoroughly after handling. Keep container tightly closed. Protect from moisture.

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.

Ventilation	Local Exhaust	Recommended to control dust.	Special	Safety shower nearby.
	Mechanical (General)	Recommended.	Other	Eye wash station nearby.

Protective Gloves Chemical resistant rubber gloves. **Eye Protection** Chemical Safety Goggles.

Other Protective Clothing or Equipment Boots; clean body-covering clothing; full-face respirator, if needed.

Work /Hygienic Practices Do NOT wear contact lenses. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid prolonged or repeated exposure.

Columbus Chemical Industries, Inc. ("Columbus") believes that the information herein is factual but it is not intended to be all inclusive. The information relates only to the specific Material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no continuing control over the Material, those handling, storing or using the Material should satisfy themselves that they have current information regarding the particular way the Material is handled, stored and used and that the same is done in accordance with federal, state and local law. COLUMBUS MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING (WITHOUT LIMITATION) WARRANTIES WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN OR WITH RESPECT TO FITNESS FOR ANY PARTICULAR USE.