

SB 40034



COLUMBUS CHEMICAL INDUSTRIES INC.

2725

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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)**

**Flyquil**

**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, Wisconsin 53925

Emergency Telephone Number

**CHEMTREC 1 (800) 424-9300**

Telephone Number for Information

1 (920) 623-2140

Date Prepared

11-1-2004

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)
Triethylamine*	121-44-8	10 ppm TWA	10 ppm TWA	15 ppm	20-25%
Ethyl Alcohol	64-17-5	1000 ppm TWA	1000 ppm TWA	Not available	60-65%

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

**Section III - Physical/Chemical Characteristics**

Boiling Point	Not available	Specific Gravity (H <sub>2</sub> O = 1)	0.9600
Vapor Pressure (mm Hg)	Not available	Melting Point	Not available
Vapor Density (AIR = 1)	Not available	Evaporation Rate (Butyl Acetate = 1)	>1

Solubility in Water

Complete.

Appearance and Odor

Clear to slightly-yellow liquid with alcohol and amine odor.

**Section IV Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not Available		Not available	Not available

Extinguishing Media

Use CO<sub>2</sub>, "Alcohol Type" foam, or dry chemical extinguishing media. Use water spray to keep fire-exposed containers cool.

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. Prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

Vapors from this product may migrate along currents to an ignition source and flash back.

Emits toxic fumes under fire conditions.



**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Avoid heat, sparks, openflames, oxidizers and incompatibles.
	Stable	X		

**Incompatibility Materials to Avoid**

Oxidizers, Sodium, potassium and lithium metals. Sulfuric, nitric, and perchloric acids. Reducing agents, hydrazides, anhydrides.

**Hazardous Decomposition or Byproducts**

Carbon monoxide, carbon dioxide, nitrogen oxides.

**Hazardous Polymerization**

	May Occur		Conditions to Avoid	Not available.
	Will Not Occur	X		

**Section VI Health Hazard Data**

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
Multiple	X	X	X

**Health Hazards (Acute and Chronic)**

May be fatal if swallowed; harmful if inhaled or absorbed through skin. Causes skin, eye and upper respiratory tract irritation. Can cause central nervous system depression. Chronic exposure can cause liver, heart, and kidney damage. Can cause fetal defects and retardation if ingested during pregnancy. Toxic to blood. Skin sensitizer.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
None	No	No	No

**Signs and Symptoms of Exposure.**

Headache, nausea, vomiting, drowsiness, slurred speech, fatigue, staggering gait, dizziness, unconsciousness. Coma and death may result from exposure to high concentrations. Gastrointestinal disturbances. Skin, eye and respiratory irritation.

**Medical Conditions Generally Aggravated by Exposure**

Persons with preexisting skin disorders, bladder or liver or kidney dysfunction, or chronic respiratory diseases should avoid exposure.

**Emergency and First Aid Procedures**

**INGESTION:** If swallowed, wash out mouth with water, call a physician. **DO NOT INDUCE VOMITING!** **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 large amounts of water.

**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 heavy rubber gloves. Contain spill with dikes, sand or noncombustible absorbent material. Sweep up and place in a bag and hold for waste disposal. 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 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. Store in corrosion-resistant area. **FLAMMABLE!**

**Other Precautions**

Do not get in eyes, skin or clothing. Use with adequate ventilation. 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 organic vapor cartridge

**Ventilation**

Local Exhaust Necessary.

Special Safety shower nearby.

Mechanical (General) Recommended.

Other Eyewash nearby.

**Protective Gloves**

Appropriate chemical-resistant gloves.

**Eye Protection**

Goggles and/ or Splash Shield

**Other Protective Clothing or Equipment**

Rubber boots and flame-retardent clothing.

**Work /Hygienic Practices**

Contact lenses should not be worn when working with this material. Maintain eyewash and quick-drench facilities in work area. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing. Wash thoroughly after handling. Do not breathe vapor. Avoid contact with tissues.

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