



Material Safety Data Sheet

Ethyl Acetate 99%
Part Number: 06M071

Hukill Chemical Corporation
7013 Krick Road
Bedford, OH 44146-4493

Section I: Chemical Product & Company Identification

Manufacturer	Hukill Chemical Corporation 7013 Krick Road Bedford, OH 44146-4493	Emergency Telephone Number	(800) 962-1143	
		Chemtrec's Telephone Number	(800) 424-9300	
		Prepared By	Brian Peebles	
Telephone Number	(440) 232-9400	Date Prepared	November 26, 2001	
Fax Number	(440) 232-9477	HMIS	Health	1
Web Site	http://www.hukill.com		Flammability	3
Email	hukill@hukill.com		Reactivity	0
Synonyms				

Section II: Composition/Information On Ingredients

Hazardous Components	Reportable Under SARA Section 313	CAS Number	OSHA Limits (ppm)			ACGIH TLV (ppm)	%
			PEL	STEL	Ceiling		
Ethyl acetate	No	141-78-6	400	N/A	N/A	400	100
<i>* mg/m³ instead of ppm.</i>							

Section III: Hazardous Identification

Emergency Overview:							
Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	
Health Hazards (Acute and Chronic)							
Eye and skin irritation. Inhalation of high concentrations may cause CNS depression. May be toxic by ingestion in large amounts.							
Signs and Symptoms of Exposure							
Irritation as noted above. Early CNS depression may be indicated by headache, dizziness and nausea. In extreme cases, death may occur.							
Carcinogenicity	NTP	No	IARC Monographs	No	OSHA Regulated?	No	
Comments	None.						

Section IV: First Aid

Eye Contact	
Skin Contact	
Inhalation	
Ingestion	



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Section V: Fire Fighting Measures

Flash Point (method used)	Flammable Limits	LEL	UEL
30F, closed cup		2.2	11
Extinguishing Media	Use water fog, foam, dry chemical or CO2		
Special Fire Fighting Procedures			
Flammable material. Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
Unusual Fire and Explosion Hazards			
Cool containers exposed to intense heat with water to prevent container rupture from vapor pressure build-up. Vapors are heavier than air and may travel from the source and ignite from a distance.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Stop the spill at its source if safety permits. Clear the area of ignition sources. Contain and prevent entry into sewers and waterways. Clean up residue with absorbents. Flush spill area with water.
Waste Disposal Method
Waste material may considered hazardous under EPA-RCRA (40 CFR 261). Follow latest EPA or state regulations regarding proper disposal.

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Keep liquid and vapor away from heat, sparks and flame. Empty containers can contain explosive vapors. Avoid static electricity by grounding equipment.
Other Precautions
Bond and ground transfer equipment. Avoid discharge of flammable vapor or mist into a vacuum or pressurized spray or mist into ambient conditions. Such a release could cause static discharge and explosion.

Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify)	Air-purifying respirator for organic vapors or air-supplying respirator, as circumstances require.			
Ventilation	Local Exhaust	Sufficient to keep ambient levels below PEL.		
	Mechanical (General)	Use explosion-proof ventilation as required.		
	Special	None	Other	None
Protective Gloves	Chemical resistant.			
Eye Protection	Safety glasses with side shields or goggles.			
Other Protective Clothing or Equipment				
Skin protection needed if exposure to skin is possible.				
Work/Hygienic Practices				
Wash hands after handling and before eating, smoking, or using the toilet.				



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Section IX: Physical And Chemical Properties

Boiling Point	172F	Specific Gravity (H2O = 1)	.902
Vapor Pressure (mm Hg)	75	Melting Point	-117F
Vapor Density (Air = 1)	3	Evaporation Rate (Butyl Acetate = 1)	4.1
Solubility In Water	8.1 wt%		
Appearance and Odor	State		Liquid
Colorless liquid. Sweet odor.			

Section X: Stability And Reactivity

Stability	Conditions to Avoid	None.
Stable		
Incompatibility (Material to Avoid)	Strong acids, alkali, and oxidizers.	
Hazardous Decomposition of Byproducts	Carbon Monoxide and dioxide.	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Ethyl Acetate

Hazard Class: 3

UN Number: UN1173

PGII

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