



Material Safety Data Sheet

Acetone
Part Number: 06M011

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	bcj	
Telephone Number	(440) 232-9400	Date Prepared	August 29, 2002	
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		
Acetone	No	67-64-1	1000	N/A	N/A	500	98-100
<i>* mg/m³ instead of ppm.</i>							

Section III: Hazardous Identification

Emergency Overview: Danger! Extremely flammable liquid and vapor. Causes eye and skin irritation. Causes respiratory irritation. Overexposure may cause central nervous system damage.							
Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	
Health Hazards (Acute and Chronic) Eye contact causes irritation. Skin contact causes moderate irritation. Repeated or prolonged contact can result in defatting and drying of the skin which may cause dermatitis. Breathing causes irritation. Overexposure may cause central nervous system damage. Swallowing causes central nervous system effects.							
Signs and Symptoms of Exposure Central nervous system effects include drowsiness, dizziness, nausea, headaches, paralysis, lack of consciousness and even death.							
Carcinogenicity	NTP	No	IARC Monographs	No	OSHA Regulated?	No	
Comments	None.						

Section IV: First Aid

Eye Contact	Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention.
Skin Contact	Remove contaminated clothing. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists.
Inhalation	Remove exposed person from source of exposure to fresh air. If not breathing, ensure clear airway and institute cardiopulmonary resuscitation. If breathing is difficult, administer oxygen if available. Keep affected person warm and at rest. Get immediate medical attention.
Ingestion	Immediately call a local physician, a local emergency room or a poison control center. Do not give anything by mouth if victim is semi-conscious or unconscious. If victim is conscious, give 1-3 glasses of water or milk.



Material Safety Data Sheet

Acetone
Part Number: 06M011

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

Section V: Fire Fighting Measures

Flash Point (method used)	Flammable Limits	LEL	UEL
-4F (closed cup)		2.6	12.8
Extinguishing Media	Use dry chemical, alcohol foam, all purpose AFFF, or carbon dioxide to extinguish fire.		
Special Fire Fighting Procedures			
Exposed firefighters must wear NIOSH approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.			
Unusual Fire and Explosion Hazards			
Dangerous when exposed to heat or flame. Will form flammable or explosive mixtures with air at room temperatures. Vapor or gas may spread to distant ignition sources and flash back. Vapors or gas may accumulate in low areas. Runoff to sewer may cause fire or explosion hazard. Containers may explode in heat or fire. Vapors may concentrate in confined area.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Use water spray to reduce vapors but it may not prevent ignition in closed spaces. Small spills: Take up with sand or other noncombustible absorbent material and place in containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal.
Waste Disposal Method
Dispose of waste and contaminated materials according to state, federal, and local regulations. Waste and clean-up materials are considered hazardous under EPA-RCRA (40CFR 261.)

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Avoid contact with eyes, skin or clothing. Avoid breathing vapors or aerosols. Use with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Keep away from heat, sparks, and flame. Keep container closed. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools. Store in tightly closed containers in cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature. Protect from physical damage.
Other Precautions
None.



Material Safety Data Sheet

Acetone
Part Number: 06M011

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

Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify)	Chemical cartridge, supplied air, or SCBA, if ambient concentration exceeds safe levels.		
Ventilation	Local Exhaust	Sufficient to keep ambient concentration below PEL.	
	Mechanical (General)	Explosion-proof equipment necessary.	
	Special	None	Other None
Protective Glove	Chemical resistant.		
Eye Protection	Safety glasses with side shields or goggles.		
Other Protective Clothing or Equipment			
Covering skin to protect against exposure is always suggested when working with industrial chemicals.			
Work/Hygienic Practices			
Wash hands after handling and before eating, smoking, or using the toilet.			

Section IX: Physical And Chemical Properties

Boiling Point	133F	Specific Gravity (H2O = 1)	.786
Vapor Pressure (mm Hg)	185	Melting Point	-139F
Vapor Density (Air = 1)	2	Evaporation Rate (Butyl Acetate = 1)	14.4
Solubility In Water	soluble		
Appearance and Odor		State	Liquid
Clear, sweet odor			

Section X: Stability And Reactivity

Stability	Conditions to Avoid	None.
Stable		
Incompatibility (Material to Avoid)	Acids and oxidizers	
Hazardous Decomposition of Byproducts	Carbon dioxide and carbon monoxide	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Acetone

Hazard Class: 3

UN Number: UN1090

PGII

The information contained herein has been approved by Hukill Chemical Corporation and is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Hukill Chemical Corporation will not be liable for any damages, losses, injuries or consequential damages that may result from the use or reliance of any information contained herein.