



Material Safety Data Sheet

Isopropyl Alcohol Anhydrous

Part Number: 06M122

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	Ed Potoma	
Telephone Number	(440) 232-9400	Date Prepared	October 23, 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		
Isopropyl alcohol	Yes	67-63-0	400	N/A	N/A	400	98-100
<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)							
Excessive inhalation may cause central nervous system damage or coma. May worsen liver and kidney damage caused by other chemical exposures.							
Signs and Symptoms of Exposure							
Eye irritation and redness from exposure. Drying, cracking, and irritation of exposed skin. Nausea, diarrhea, and vomiting from ingestion. Coughing, dizziness, fatigue, drowsiness, headache, or unconsciousness from excessive inhalation.							
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 immediate medical attention, preferably an eye specialist.
Skin Contact	Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Speed in washing off the material is of primary importance.
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 induce vomiting because of danger of aspirating liquid into lungs. If spontaneous vomiting occurs, monitor for breathing difficulty.



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Section V: Fire Fighting Measures

Flash Point (method used)	Flammable Limits	LEL	UEL
53F		2	12
Extinguishing Media	Alcohol foam, carbon dioxide, dry chemical		
Special Fire Fighting Procedures			
Water may not work to extinguish fire. Use water to keep containers cool in the event of a fire. Wear SCBA with positive pressure demand mode and proper PPE.			
Unusual Fire and Explosion Hazards			
Vapors collect in low places could ignite from a distance from the source. Product can ignite explosively.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Stop spill at the source. Eliminate all possible ignition sources from the area. Absorb smaller spills with vermiculite or floor absorbent. Prevent from entering sewers or waterways. For a large spill, notify the proper authorities.
Waste Disposal Method
Pump material into clean containers for recovery. Dispose of contaminated materials according to state, federal, and local regulations.

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Containers must be bonded and grounded for safe handling and transfer. Empty containers may contain explosive vapors.
Other Precautions
Vapor is heavier than air and could travel and ignite a distance from the source. Never introduce flammable spray or vapor into vacuum or pressurized spray or vapor into ambient conditions. Such a release could cause static discharge and explosion.

Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify)	Chemical cartridge, supplied air, or SCBA, as circumstances require.		
Ventilation	Local Exhaust	Sufficient to keep ambient concentration below PEL.	
	Mechanical (General)	Explosion-proof equipment necessary.	
	Special	None	Other
Protective Gloves	Chemical resistant.		
Eye Protection	Safety glasses with side shields or goggles.		
Other Protective Clothing or Equipment			
Covering any skin that might come into contact is always recommended when handling industrial chemicals.			
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	180F	Specific Gravity (H2O = 1)	.789
Vapor Pressure (mm Hg)	27.4	Melting Point	-128F
Vapor Density (Air = 1)	2.07	Evaporation Rate (Butyl Acetate = 1)	N/A
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, acetaldehyde, chlorine, ethylene oxide, isocyanates, aluminum at high temperatures.	
Hazardous Decomposition of Byproducts	Carbon dioxide and carbon monoxide	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Isopropanol

Hazard Class: 3

UN Number: UN1219

PGII

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