



# Material Safety Data Sheet

Isobutyl Alcohol  
Part Number: 06M281

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

## Section I: Chemical Product & Company Identification

<b>Manufacturer</b>	Hukill Chemical Corporation 7013 Krick Road Bedford, OH 44146-4493	<b>Emergency Telephone Number</b>	(800) 962-1143		
		<b>Chemtrec's Telephone Number</b>	(800) 424-9300		
		<b>Prepared By</b>	Brian Peebles		
<b>Telephone Number</b>	(440) 232-9400	<b>Date Prepared</b>	November 15, 2001		
<b>Fax Number</b>	(440) 232-9477	<b>HMIS</b>	<b>Health</b>	1	
<b>Web Site</b>	http://www.hukill.com		<b>Flammability</b>	3	
<b>Email</b>	hukill@hukill.com		<b>Reactivity</b>	0	
<b>Synonyms</b>					

## Section II: Composition/Information On Ingredients

Hazardous Components	Reportable Under SARA Section 313	CAS Number	OSHA Limits (ppm)			ACGIH TLV (ppm)	%
			PEL	STEL	Ceiling		
Isobutyl alcohol	No	78-83-1	50	--	--	50	100
<i>* mg/m<sup>3</sup> instead of ppm.</i>							

## Section III: Hazardous Identification

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

## Section IV: First Aid

<b>Eye Contact</b>	
<b>Skin Contact</b>	
<b>Inhalation</b>	
<b>Ingestion</b>	



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## Section V: Fire Fighting Measures

<b>Flash Point (method used)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
85F (closed cup)		1.7	20
<b>Extinguishing Media</b>	Use water fog, foam, dry chemical or CO2		
<b>Special Fire Fighting Procedures</b>			
Flammable material. Clear fire area of unprotected personnel. Cool fire-exposed containers. Use self-contained breathing apparatus for confined areas.			
<b>Unusual Fire and Explosion Hazards</b>			
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. Empty containers may contain explosive vapor mixtures.			

## Section VI: Accidental Release Measures

<b>Steps to Be Taken in Case Material is Released or Spilled</b>
Shut off source of leak 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.
<b>Waste Disposal Method</b>
Waste material may be considered hazardous under EPA-RCRA (40 CFR 261). Follow latest EPA or state regulations regarding proper disposal.

## Section VII: Handling And Storage

<b>Precautions to Be Taken in Handling and Storing</b>
Keep liquid and vapor away from heat, sparks and flame. Empty containers can contain explosive vapors. Avoid static electricity by grounding equipment.
<b>Other Precautions</b>
Bond and ground transfer equipment. Never rapidly introduce spray or vapor of a flammable substance into a vacuum, or direct pressurized spray or vapor into ambient conditions. Such a release could cause static discharge and explosion.

## Section VIII: Exposure Controls, Personal Protection

<b>Respiratory Protection (Specify)</b>	Chemical cartridge for organic vapors. Supplied-air or SCBA if circumstances require.			
<b>Ventilation</b>	<b>Local Exhaust</b>	Sufficient to keep ambient levels below 100ppm.		
	<b>Mechanical (General)</b>	Use explosion-proof ventilation as required.		
	<b>Special</b>	None	<b>Other</b>	None
<b>Protective Gloves</b>	Chemical resistant.			
<b>Eye Protection</b>	Safety glasses with side shields or goggles.			
<b>Other Protective Clothing or Equipment</b>				
Skin protection needed if exposure to skin is possible.				
<b>Work/Hygienic Practices</b>				
Wash hands after handling and before eating, smoking, or using the toilet.				



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## Section IX: Physical And Chemical Properties

<b>Boiling Point</b>	226F	<b>Specific Gravity (H2O = 1)</b>	.803
<b>Vapor Pressure (mm Hg)</b>	8.8	<b>Melting Point</b>	-162.4F
<b>Vapor Density (Air = 1)</b>	2.6	<b>Evaporation Rate (Butyl Acetate = 1)</b>	.82
<b>Solubility In Water</b>	8.5%		
<b>Appearance and Odor</b>	<b>State</b>		Liquid
Clear, mild alcohol odor.			

## Section X: Stability And Reactivity

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

**DOT Shipping Name:** Isobutanol

**Hazard Class:** 3

**UN Number:** UN1212

**PGIII**

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