



Material Safety Data Sheet

Isophorone
Part Number: 06M101

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	2
Web Site	http://www.hukill.com		Flammability	2
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		
Isophorone	No	78-59-1	4	--	--	--	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)							
Respiratory irritation could be caused by mist inhalation. Mist exposure could irritate eyes. Significant amounts could be absorbed through the skin.							
Signs and Symptoms of Exposure							
Mild eye and skin irritation, respiratory irritation from mist inhalation. Digestive irritation from large-amount ingestion.							
Carcinogenicity	NTP	No	IARC Monographs	No	OSHA Regulated?	No	
Comments	None.						

Section IV: First Aid

Eye Contact	
Skin Contact	
Inhalation	
Ingestion	



Material Safety Data Sheet

Isophorone
Part Number: 06M101

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

Section V: Fire Fighting Measures

Flash Point (method used)	Flammable Limits	LEL	UEL
190F, closed cup		0.8	3.8
Extinguishing Media	Use water fog, foam, dry chemical or CO2.		
Special Fire Fighting Procedures			
Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear, as suggested when fighting any chemical fire.			
Unusual Fire and Explosion Hazards			
Vapor is heavier than air and could accumulate in low or confined spaces, igniting away from the source.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Dike the spill to prevent entry into sewers and waterways. Pump into containers and absorb residue with floor absorbant. Flush the area with water.
Waste Disposal Method
Disposal must be in accordance with federal, state and local regulations.

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Keep container closed when not in use.
Other Precautions
Avoid sudden introduction of mist or vapor into a vacuum or introduction of hot, pressurized vapor or mist into ambient conditions. Such a discharge could cause static spark and explosion.

Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify)	Chemical cartridge may be necessary if mist is suspended in air. Supplied-air or SCBA if other circumstances require.			
Ventilation	Local Exhaust	Necessary in mist conditions or handling in a high-temperature environment		
	Mechanical (General)	General or local ventilation		
	Special	None	Other	None
Protective Gloves	Chemical resistant.			
Eye Protection	Safety glasses with side shields or goggles.			
Other Protective Clothing or Equipment				
Covering exposed skin is always recommended when handling industrial chemicals.				
Work/Hygienic Practices				
Always wash hands after handling industrial chemicals and before eating, smoking, or using the toilet.				



Material Safety Data Sheet

Isophorone
Part Number: 06M101

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

Section IX: Physical And Chemical Properties

Boiling Point	419F	Specific Gravity (H2O = 1)	.922
Vapor Pressure (mm Hg)	10	Melting Point	N/A
Vapor Density (Air = 1)	4.8	Evaporation Rate (Butyl Acetate = 1)	.03
Solubility In Water	1.2 wt%		
Appearance and Odor	State		Liquid
Slightly yellow, strong odor			

Section X: Stability And Reactivity

Stability	Conditions to Avoid	None.
Stable		
Incompatibility (Material to Avoid)	Strong oxidizers	
Hazardous Decomposition of Byproducts	Carbon Monoxide and dioxide, unidentified hydrocarbons from incomplete combustion	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Combustible Liquid, N.O.S.

Hazard Class: 0

UN Number: NA1993

PGIII

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.