



Material Safety Data Sheet

Huvasol 100
Part Number: 06L011

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 27, 2001	
Fax Number	(440) 232-9477	HMIS	Health	1
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		
1,3,5 Trimethylbenzene	No	108-67-8	N/A	N/A	N/A	25	7-11
Mineral Spirits	No	8052-41-3	100	N/A	N/A	N/A	44-53
1,2,4 Trimethylbenzene	No	95-63-6	N/A	N/A	N/A	N/A	36
Diethylbenzene	No	25340-17-4	N/A	N/A	N/A	N/A	1-5
isopropylbenzene	No	98-82-8	N/A	N/A	N/A	50	1.5
Xylene (o-,m-,p- isomers)	Yes	1330-20-7	100	--	N/A	100	1.5
Ethylbenzene	No	100-41-4	N/A	125	N/A	100	0-0.3

* mg/m³ instead of ppm.

Section III: Hazardous Identification

Emergency Overview:							
Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	
Health Hazards (Acute and Chronic)							
Eye and skin irritant. Inhalation of high concentration is may cause CNS depression. Liquid is moderately toxic and may be harmful if swallowed.							
Signs and Symptoms of Exposure							
Irritation as noted above. Early CNS depression may be evidenced by headache, dizziness and nausea. In extreme cases death may occur.							
Carcinogenicity	NTP	No	IARC Monographs	No	OSHA Regulated?	No	
Comments	None.						



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Section IV: First Aid

Eye Contact	
Skin Contact	
Inhalation	
Ingestion	

Section V: Fire Fighting Measures

Flash Point (method used)	Flammable Limits	LEL	UEL
108F, closed cup		1.9	12.6
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.			
Unusual Fire and Explosion Hazards			
Cool containers exposed to intense heat with water to prevent container rupture from vapor pressure build-up. Vapors could accumulate in low and confined spaces and combust from a distance. Keep clear of ignition sources.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Clear area of all combustion sources. Use grounded, spark-proof equipment. Stop leak if possible. Dike and contain, keeping spill from entering sewers and waterways. Clean up residue with absorbants. Flush spill area with water.
Waste Disposal Method
Waste material is considered hazardous under EPA-RCRA (40 FR 261.33). 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 vapor.
Other Precautions
Bond and ground all containers for transfer. Never introduce flammable vapor or spray into a vacuum or direct pressurized spray or vapor into ambient conditions. Such a release could cause static discharge and explosion.



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Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify)	Chemical cartridge for organic vapor if necessary. Supplied air or SCBA if circumstances require.		
Ventilation	Local Exhaust	Sufficient to maintain ambient concentration below the PEL.	
	Mechanical (General)	Use explosion-proof ventilation as required.	
	Special	None	Other None
Protective Gloves	Chemical resistant.		
Eye Protection	Safety glasses or Goggles		
Other Protective Clothing or Equipment			
Covering skin to prevent exposure is always recommended when handling 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	318-338F	Specific Gravity (H2O = 1)	.87
Vapor Pressure (mm Hg)	4	Melting Point	-76F
Vapor Density (Air = 1)	4.2	Evaporation Rate (Butyl Acetate = 1)	.3
Solubility In Water	Very low		
Appearance and Odor		State	Gas
Clear liquid. Mild to moderate hydrocarbon odor.			

Section X: Stability And Reactivity

Stability	Conditions to Avoid	None.
Stable		
Incompatibility (Material to Avoid)	Strong mineral acids, strong alkali, strong oxidizers.	
Hazardous Decomposition of Byproducts	Carbon monoxide and unidentified organics may be formed during combustion	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Petroleum Distillates, N.O.S.

Hazard Class: 3

UN Number: UN1268

PGIII

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