



# Material Safety Data Sheet

Huvasol LTD-60  
Part Number: 11H0320460

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>	July 17, 2002	
<b>Fax Number</b>	(440) 232-9477	<b>HMIS</b>	<b>Health</b>	2
<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		
Petroleum Naphtha (340 HT)	No	67942-88-7	400	N/A	N/A	400	5-10
Methyl ethyl ketone (MEK)	Yes	78-93-3	200	--	N/A	200	30-55
PM Acetate	No	108-65-6	N/A	N/A	N/A	N/A	2-10
n-Propyl alcohol	No	71-23-8	200	N/A	N/A	200	1-10
Acetone	No	67-64-1	1000	N/A	N/A	500	0-20
Butyl acetate	No	123-86-4	150	N/A	N/A	150	0-20
Ethyl acetate	No	141-78-6	400	N/A	N/A	400	0-20
Toluene	Yes	108-88-3	200	300	500	50 Skin	0-20
Xylene (o-,m-,p- isomers)	Yes	1330-20-7	100	--	N/A	100	0-20
Butyl alcohol, n-	Yes	71-36-3	--	N/A	50	N/A	0-10

\* mg/m<sup>3</sup> instead of ppm.

## 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>							
Brief contact with eyes causes severe irritation. Prolonged skin contact may cause defatting and irritation. Inhalation of vapor may cause CNS depression. Liquid is toxic and may be harmful if swallowed.							
<b>Signs and Symptoms of Exposure</b>							
Irritation as noted above. Early CNS depression may be indicated by headache, dizziness and nausea. Severe CNS depression could cause unconsciousness and death.							
<b>Carcinogenicity</b>	<b>NTP</b>	Yes	<b>IARC Monographs</b>	No	<b>OSHA Regulated?</b>	No	
<b>Comments</b>	None.						



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## Section IV: First Aid

<b>Eye Contact</b>	Hold eyelids out and wash eyes to remove material.
<b>Skin Contact</b>	Remove contaminated clothing and wash affected areas with soap and water.
<b>Inhalation</b>	Move victim to fresh air. Give rescue breathing or supply oxygen if needed. If exposure is sufficient to cause CNS depression, seek medical attention.
<b>Ingestion</b>	Seek medical attention. Do not induce vomiting unless medical attention is not immediately available. Stomach pumping by a physician is safer than inducing vomiting when volatile (and not extremely toxic) substances are ingested, due to aspiration hazard. If vomiting occurs, hold victim's head low to prevent aspiration of vomit.

## Section V: Fire Fighting Measures

<b>Flash Point (method used)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
< 80 F		N/A	N/A
<b>Extinguishing Media</b>	Use water fog, foam, dry chemical or CO2.		
<b>Special Fire Fighting Procedures</b>			
Wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full chemical-resistant skin cover. Cool containers exposed to intense heat, to prevent pressure build-up that could cause rupture and explosion.			
<b>Unusual Fire and Explosion Hazards</b>			
Vapor is heavier than air and may accumulate in low and confined places, and be ignited away from the source.			

## Section VI: Accidental Release Measures

<b>Steps to Be Taken in Case Material is Released or Spilled</b>
Stop spill at the source if safety permits. Prevent from entering sewers or waterways. Remove ignition sources and use spark-proof tools. Absorb smaller spills with vermiculite or floor absorbant. For a large spill, notify the proper authorities.
<b>Waste Disposal Method</b>
Pump material into clean containers for reclamation. 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

<b>Precautions to Be Taken in Handling and Storing</b>
All equipment and containers used for transfer must be bonded and grounded for safe handling. Empty containers may contain explosive vapors.
<b>Other Precautions</b>
Never release flammable mist or vapor into a vacuum or spray pressurized material into ambient conditions, without first taking the proper solvent resistivity precautions. This could cause static discharge and explosion.



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## Section VIII: Exposure Controls, Personal Protection

<b>Respiratory Protection (Specify)</b>	Chemical cartridge for organic vapor if needed. Supplied-air or SCBA if other circumstances require.		
<b>Ventilation</b>	<b>Local Exhaust</b>	Sufficient to keep ambient concentrations below exposure limits.	
	<b>Mechanical (General)</b>	Explosion-proof ventilation is required.	
	<b>Special</b>	None	<b>Other</b> None
<b>Protective Gloves</b>	Chemical resistant.		
<b>Eye Protection</b>	Safety glasses or goggles.		
<b>Other Protective Clothing or Equipment</b>			
Covering any skin that might be susceptible to exposure is recommended.			
<b>Work/Hygienic Practices</b>			
Wash hands after handling and before eating, smoking, or using the toilet.			

## Section IX: Physical And Chemical Properties

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H2O = 1)</b>	N/A
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (Air = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility In Water</b>	N/A		
<b>Appearance and Odor</b>		<b>State</b>	
Colorless, strong organic solvent odor. Physical properties vary with solution composition.			

## Section X: Stability And Reactivity

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

**DOT Shipping Name:** Compounds, Cleaning Liquid (Xylene, Methyl Ethyl Ketone)

**Hazard Class:** 3

**UN Number:** NA1993

**PGII**

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