

#02054 & 02060

PG. 1

MATERIAL SAFETY DATA SHEET

PARK!

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSH-008-4)

MANUFACTURER'S NAME	ni	CHEMICAL NAME & SYNONYMS	KEROSENE
STREET ADDRESS		CHEMICAL FAMILY	ALIPHATIC PETROLEUM HYDROCARBON
CITY, STATE, AND ZIP CODE		TRADE NAME	KEROSENE
EMERGENCY TELEPHONE NO.		FORMULAS	COMPLEX MIXTURE OF PETROLEUM HYDROCARBONS
			9/30/85

Section II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SO. VENTS				PPM		
PERCENTS	%	TLV (Units)	SOLVENTS	CAS NO.	TLV (Units)	
N.A.			Kerosene (Kerosine)	8008-20-6	100 200	
CATALYST						
N.A.						
VEHICLE			ADDITIVES & OTHERS	N.A.		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					%	TLV (Units)
N.A.						

Section III - PHYSICAL DATA

BOILING POINT (°F)	IBP-FBP	345-535°F	SPECIFIC GRAVITY (H ₂ O = 1)	0.82
VAPOR PRESSURE (mm Hg.)	@ 20°C	Less than 5	PERCENT VAPOR BY VOLUME (%)	100
VAPOR DENSITY (AIR = 1)		Heavier	EVAPORATION RATE (- ETHER = 1)	Slower than 1
SOLUBILITY IN WATER		Negligible		
APPEARANCE AND ODOR		Water-White Color		
		Petroleum-Hydrocarbon Odor		

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	TAG CC 130°F	FLAMMABLE LIMITS	Lower	Upper
			0.9%	6.0%
EXTINGUISHING MEDIA	Foam, Dry Chemical, CO ₂ , Water Spray, or Fog.			
SPECIAL FIRE FIGHTING PROCEDURES	Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water. Avoid breathing vapor or fumes.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Combustible liquid. Do not store or mix with strong oxidants like liquid chlorine or concentrated oxygen.			

Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	EYES: Can cause irritation. INHALATION: Inhalation of high vapor concentration (attainable at elevated temperature) may have results from mild depression to respiratory irritation. Prolonged or repeated liquid contact with the skin will dry and defat the skin leading to irritation and dermatitis.

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EMERGENCY AND FIRST AID PROCEDURES			
INHALATION:	Remove patient to fresh air. If overcome by vapor, call physician. If breathing is irregular or stopped, start resuscitation; administer oxygen.		
SWALLOWED:	Do not induce vomiting. Call a physician.		
EYES:	Flush with clean water for fifteen minutes.		
SKIN:	Wash skin thoroughly and remove saturated clothing. If symptoms persist, seek medical attention.		
Section VI — REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Keep away from sparks and open flame.
INCOMPATIBILITY (Materials to Avoid)			
Avoid contact with strong oxidizing agents.			
HAZARDOUS DECOMPOSITION PRODUCTS			
Usual products of combustion - CO, CO ₂ , and probably acrolein and oxides of nitrogen.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.
Section VII — SPILL OR LEAK PROCEDURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
Remove from source of ignition and provide ventilation. Large spills may be scooped up with non-sparking tools on to sand, earth, clay, floor absorbents and shovelled into containers for disposal. Keep away from sewers, streams and/or other bodies of water. Provide respiratory protection if required. Small quantities may be picked up with absorbing materials.			
WASTE DISPOSAL METHOD			
Dispose of in accordance with local, state and federal regulations.			
Section VIII — SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify Type) Approved mask or respirator for organic vapors as necessary.			
VENTILATION	LOCAL EXHAUST	A Must	SPECIAL NO SMOKING
	MECHANICAL (General)	Explosion Proof	OTHER Adequate Ventilation
PROTECTIVE GLOVES	Neoprene Rubber Gloves	EYE PROTECTION	Eye Goggles
OTHER PROTECTIVE EQUIPMENT			
Eye wash station and safety showers should be available. Impermeable Aprons.			
Section IX — SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE			
Store away from heat, sparks, and open flame. Avoid prolonged skin contact. Do not breathe spray mist.			
OTHER PRECAUTIONS			
Ground containers when pouring and limit free fall to a few inches to prevent static sparks. Avoid spontaneous combustion of contaminated rags or other easily ignitable organic accumulations by immediate immersion in water. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Avoid inhalation of vapors.			