

# MATERIAL SAFETY DATA SHEET

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

# PARKS

## Section I

<b>MANUFACTURER'S NAME</b>  <b>PARKS CORPORATION</b>	<b>CHEMICAL NAME &amp; SYNONYMS</b> —  <b>CHEMICAL FAMILY</b> ALIPHATIC ALCOHOL
<b>STREET ADDRESS</b> P.O. BOX 5	<b>TRADE NAME</b> PARKS SOLVENT ALCOHOL
<b>CITY, STATE, AND ZIP CODE</b> SOMERSET, MASS. 02726	<b>FORMULAS</b> N.A.
<b>EMERGENCY TELEPHONE NO.</b> (508) 679-5938 <span style="float: right;">01/04/93</span>	

## Section II — HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS						PPM	PEL
PIGMENTS	%	TLV (Units)	SOLVENTS	CAS NO.	%	TLV (Units)	PEL
N.A.			Ethanol (Ethyl Alcohol)	64-17-5	25-100	1000	1000
			*Methanol (Methyl Alcohol)	67-56-1	25-100	200	200
			Ethyl Acetate (Vinegar Naphtha)	141-78-6	1-20	400	400
CATALYST N.A.			* MIBK (Methyl Isobutylketone)	108-10-1	1-20	50	100
			*SARA listed chemicals.				
VEHICLE N.A.			ADDITIVES & OTHERS N.A.				

### HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

POISON: Cannot be made non-poisonous

## Section III — PHYSICAL DATA

BOILING POINT (°F)	173°	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.80
VAPOR PRESSURE (mm Hg.) @ 20°C	97-68	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR = 1)	Heavier	EVAPORATION RATE (ETHER = 1)	Less than 1
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Colorless Liquid		
	has Characteristic Odor		

## Section IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	TAG CC 55°F	FLAMMABLE LIMITS	LeL	UeL
			3.3	19
EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical, Water, Fog.				
SPECIAL FIRE FIGHTING PROCEDURES: Cool exposed container with water. Keep upwind. Self-contained breathing apparatus for fire fighters. Water may be unsuitable as an extinguishing media.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable. Runoff creates fire hazard. Notify fire department. Keep work areas free of hot metal surfaces and other sources of ignition.				

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE: <u>EYES</u> : This product may be an eye irritant. <u>SKIN</u> : May cause irritation and dermatitis upon prolonged or repeated contact. <u>INHALATION</u> : For prolonged periods may result in death or blindness. <u>SYSTEMIC EFFECTS</u> : Respiratory tract irritation. Central nervous system depression in high concentrations. Nausea and vomiting. Liver and kidney damage. Absorption through the intact skin inebriation.	

**EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Flush eyes with large quantities of water for fifteen minutes. Seek medical attention.

**SKIN CONTACT:** Wash with large quantities of water and seek medical attention if irritation persists.

**INHALATION:** If breathing difficulties, dizziness or light headedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If victim experiences continued breathing difficulties, administer oxygen. If breathing stops, begin artificial respiration and seek immediate medical attention.

**INGESTION:** If swallowed, induce vomiting if victim is conscious. Seek immediate medical advice or attention.

**Section VI — REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Heat, sparks and open flame.
INCOMPATABILITY (Materials to Avoid) Strong alkalis, strong oxidizing agents, strong acids, bases.			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield CO and/or CO <sub>2</sub> .			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

**Section VII — SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
Remove ignition sources. Keep people away. Ventilate closed spaces. Open windows and doors. Avoid breathing vapors. Flush spilled material into suitable containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbent. Prevent spilled liquid from entering sewers, storm drains, other unauthorized sewage treatment and natural waterways.

**WASTE DISPOSAL METHOD**  
Dispose of in accordance with applicable local, county, state and federal regulations.

**Section VIII — SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Specific Type) Use NIOSH approved cartridge respirator for concentrations above TIV levels.		
VENTILATION	LOCAL EXHAUST Yes	SPECIAL Use with adequate ventilation
	MECHANICAL (General) Explosion-proof equipment	OTHER AVOID SMOKING
PROTECTIVE GLOVES Impermeable Gloves	EYE PROTECTION	Goggles or face shield
OTHER PROTECTIVE EQUIPMENT Impermeable aprons. Eye wash. Safety shower.		

**Section IX — SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING** Keep containers closed. Keep from heat, sparks and open flame. Use with adequate ventilation.

**OTHER PRECAUTIONS**  
Avoid contact with eyes and prolonged or repeated contact with skin. Avoid inhalation.