

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) YUMARK FF-1	DATE July, 2001
MANUFACTURER'S NAME YUMA INDUSTRIES INCORPORATED	EMERGENCY PHONE # YUMA 317-398-9862 CHEMTREC 800-424-9300
ADDRESS (Number, Street, City, State, & Zip Code) 783 W. Mausoleum Road, Shelbyville, IN 46176 – 9720	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZ. CLASS, HAZ. ID # None	
ADDITIONAL HAZARD CLASSES (as applicable) None	
CHEMICAL FAMILY Stamping oil	FORMULA See Section II

SECTION II – INGREDIENTS

CAS REGISTRY#	Wt. %	CHEMICAL NAME	Listed as a carcinogen in NTP, IARC, or OSHA 1910 (specify)
64771-72-8	60-95	Normal Paraffin OSHA(PEL): TWA=5mg/m ³ for oil mist in air ACGIH(TLV): TWA=5mg/m ³ for oil mist in air	Not listed
Balance classified as Non-hazardous Ingredients			

SECTION III – PHYSICAL DATA

BOILING POINT Not available	SPECIFIC GRAVITY (H ₂ O=1) @15°C 0.76	ODOR THRESHOLD (ppm) Not available
VAPOR PRESSURE Not available	PERCENT VOLATILE (Vol.%) Not available	PERCENT SOLID (wt.%) 0
VAPOR DENSITY Not available	EVAPORATION RATE Not available	FREEZING POINT (°C) Not available
SOLUBILITY IN WATER Negligible	pH Not applicable	MATERIAL IS Liquid
APPEARANCE & ODOR Clear liquid	VOLATILE ORGANIC COMPOUNDS (VOC) 100 %	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 108 °C	METHOD USED C.O.C.	FLAMMABLE LIMITS LEL/UEL Not available	AUTO-IGNITION TEMPERATURE (°C) Not available
EXTINGUISHING MEDIA Carbon dioxide, dry chemical, foam, or water fog. Do not use a direct stream of water			
SPECIAL FIRE FIGHTING PROCEDURES Wear self- contained breathing apparatus. (NIOSH approved)			
UNUSUAL FIRE AND EXPLOSION HAZARDS Caution: Combustible liquid – may give off flammable vapors.			

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II		
EFFECTS OF OVEREXPOSURE – Conditions to avoid Over exposure can lead to skin and eye irritation and depression of central nervous system producing headaches, dizziness, nausea and loss of consciousness.		
PRIMARY ROUTES OF ENTRY	Inhalation: X Skin Contact:	Eye Contact: Ingestion:
EMERGENCY AND FIRST AID PROCEDURES		
EYES: Flush with water for 15 minutes while holding eyelids open.		
SKIN: Wash with soap and water.		
INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult.		
INGESTION: Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs		
In every case get medical attention as required.		

SECTION VI – REACTIVITY DATA

STABILITY: UNSTABLE: STABLE : X	HAZARDOUS POLYMERIZATION	MAY OCCUR: WILL NOT OCCUR: X
CONDITIONS TO AVOID None		
INCOMPATIBILITY (MATERIALS TO AVOID) Avoid strong oxidizing agents and strong acids.		
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide and unidentified organic compounds may form during combustion.		

