

MATERIAL SAFETY DATA SHEET**Non-Bulk Packaging
(Less than 119 gallons)****SECTION I**

PRODUCT NAME OR NUMBER (as it appears on label) YUMAGE WMC-150	DATE July 2004
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 # Not Regulated.	
ADDITIONAL HAZARD CLASSES (as applicable) None	
CHEMICAL FAMILY Petroleum Based Cleaner	FORMULA See Section II

SECTION II – INGREDIENTS

CAS REGISTRY#	Wt. %	CHEMICAL NAME	Listed as a carcinogen in NTP, IARC, or OSHA 1910 (specify)
64742-47-8	60-95	Distillates, petroleum, hydrotreated light 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 0.83	ODOR THRESHOLD (ppm) Not available
VAPOR PRESSURE Not available	PERCENT VOLATILE (Vol. %) Not available	PERCENT SOLID (wt. %) Not available
VAPOR DENSITY Not available	EVAPORATION RATE Not available	FREEZING POINT (°C) Not available
SOLUBILITY IN WATER 100%	pH 5% solution 9.0	MATERIAL IS Liquid
APPEARANCE & ODOR Clear dark blue with mild odor	VOLATILE ORGANIC COMPOUNDS (VOC) Not available	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 87°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 High vapor / aerosol concentrations (greater than 700 ppm , attainable at elevated temperatures well above ambient) are irritating to eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous effects.		
PRIMARY ROUTES OF ENTRY	Inhalation: X Skin Contact:	Eye Contact: Ingestion:
EMERGENCY AND FIRST AID PROCEDURES <p>EYES: Flush with water for 15 minutes while holding eyelids open.</p> <p>SKIN: Wash with soap and water.</p> <p>INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult.</p> <p>INGESTION: Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs</p> <p>In every case get medical attention as required.</p>		

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.		

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Avoid any potential sources of ignition of vapor. Take up with an absorbent material and place in non-leaking containers for proper disposal.
WASTE DISPOSAL METHOD Dispose in accordance with local, state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Use NIOSH approved respirator as required to prevent over exposure.	
VENTILATION Local exhaust (Specify rate): Use local exhaust to capture vapor if necessary. Special: None Mechanical (general) (Specify rate): General room ventilation should be sufficient. Other: No smoking or open lights.	
PROTECTIVE GLOVES (Specify type) Solvent resistant	EYE PROTECTION (Specify type) Safety glasses
OTHER PROTECTIVE EQUIPMENT Wear protective clothing as required to minimize contact.	

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from heat, sparks and flames. Keep the container tightly closed and store in a cool place.
OTHER PRECAUTIONS Static electricity may accumulate and create a fire hazard. Container should be grounded/bonded.