

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) YUMAGE W-90	DATE March, 2005
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 RATING SYSTEMS: 0 = LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4= EXTREME NFPA: HEALTH =1, FLAMMABILITY = 0, REACTIVITY = 0 HMIS: HEALTH =1, FLAMMABILITY = 0, REACTIVITY = 0	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZ. CLASS, HAZ. ID # None	
ADDITIONAL HAZARD CLASSES (as applicable) None	
CHEMICAL FAMILY Water Miscible Cleaner	FORMULA See Section II

SECTION II – INGREDIENTS

CAS REGISTRY#	Wt. %	CHEMICAL NAME	Listed as a carcinogen in NTP, IARC, or OSHA 1910 (specify)
102-71-6	10-19	Triethanolamine ACGIH: TWA = 5mg/m ³	Not listed
1310-58-3	1-9	Potassium hydroxide OSHA: Ceiling=2mg/m ³ ACGIH (TLV): Ceiling = 2mg/m ³	Not listed
Balance classified as Non-hazardous Ingredients			

SECTION III – PHYSICAL DATA

BOILING POINT Not available	SPECIFIC GRAVITY (H ₂ O=1) @20°C 1.04	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 (2%) 9.7	MATERIAL IS Liquid
APPEARANCE & ODOR Light Yellow Liquid with mild odor	VOLATILE ORGANIC COMPOUNDS (VOC) Not available	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Not applicable	METHOD USED	FLAMMABLE LIMITS LEL/UEL Not available	AUTO-IGNITION TEMPERATURE (°C) Not available
EXTINGUISHING MEDIA As appropriate for surrounding fire			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II		
EFFECTS OF OVEREXPOSURE – Conditions to avoid Contact with eyes may cause severe irritation with corneal injury. Possible skin defatting and subsequent irritation through repeated or prolonged contact.		
PRIMARY ROUTES OF ENTRY	Inhalation: Skin Contact: X	Eye Contact: Ingestion:
EMERGENCY AND FIRST AID PROCEDURES EYES: Flushing with cool, clean water for at least 15 minutes is necessary. SKIN: Wash with soap and water. INHALATION: Remove to fresh air. INGESTION: If large quantities are ingested, pump stomach. 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, strong acid and nitrites.		
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce CO, CO ₂ , NO _x and SO _x .		

SECTION VII – SPILL OR LEAK PROCEDURES

<p>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Mop up or use dry absorbent.</p>
<p>WASTE DISPOSAL METHOD Acid – Alum split Dispose in accordance with local, state and federal regulations.</p>

SECTION VIII – SPECIAL PROTECTION INFORMATION

<p>RESPIRATORY PROTECTION (Specify type) None</p>	
<p>VENTILATION Local exhaust (Specify rate): Not normally required. Special: None Mechanical (general) (Specify rate): General room ventilation should be sufficient. Other: None</p>	
<p>PROTECTIVE GLOVES (Specify type) Neoprene or rubber</p>	<p>EYE PROTECTION (Specify type) Safety glasses.</p>
<p>OTHER PROTECTIVE EQUIPMENT Wear protective clothing as required to minimize contact.</p>	

SECTION IX – SPECIAL PRECAUTIONS

<p>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep container closed. Wash thoroughly after handling.</p>
<p>OTHER PRECAUTIONS None</p>