



## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45 F  
(SETAFLASH CLOSED CUP)

LOWER EXPLOSIVE LIMIT: 1.0 %  
UPPER EXPLOSIVE LIMIT: 19.0 %

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT USE WHEN SMOKING OR WHERE ELECTRICAL SPARKS OR OPEN FLAME IS PRESENT.

SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - EYE CONTACT: INHALATION: IRRITATION TO RESPIRATORY TRACT, HEADACHE, DIZZINESS AND NAUSEA. SKIN CONTACT: PRIMARY IRRITATION. EYE CONTACT: PRIMARY IRRITATION. CAUSES EYE BURNS AND SKIN IRRITATION. CHRONIC HEALTH EFFECTS ARE POSSIBLE FROM LONG TERM EXPOSURE TO THIS MATERIAL, INCLUDING DRYING, CRACKING AND IRRITATION OF THE SKIN. LIQUID IS MODERATELY TOXIC, MAY BE HARMFUL IF SWALLOWED, LEADING TO CENTRAL NERVOUS SYSTEM DEPRESSION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: PRE-EXISTING SENSITIVITY TO SOLVENTS CAN CAUSE A HEIGHTENED REACTION TO EXPOSURE TO THIS PRODUCT.

EFFECTS OF OVEREXPOSURE - INHALATION: INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING. CONSULT A PHYSICIAN. SKIN CONTACT: FLUSH WITH WATER. EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. CONSULT A PHYSICIAN. INGESTION: IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGERS AT BACK OF THROAT. GET MEDICAL ATTENTION IMMEDIATELY.

EFFECTS OF OVEREXPOSURE - INGESTION: No Information.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information.

FIRST AID - EYE CONTACT: No Information.

FIRST AID - SKIN CONTACT: No Information.

FIRST AID - INHALATION: No Information.

FIRST AID - INGESTION: No Information.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION

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SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: BURNING CAN PRODUCE CARBON-DIOXIDE AND/OR CARBON MONOXIDE.

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY: ALKALI METAL HYDROXIDES, SUCH AS SODIUM HYDROXIDE, STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID, STRONG ACIDS, EXCESSIVE HEAT AND IGNITION SOURCES.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING SOLVENT VAPOR. ENSURE ADEQUATE VENTILATION. AVOID SPARKS, FLAMES, AND ANYTHING WHICH COULD CAUSE FIRE.

WASTE DISPOSAL METHOD: SOAK LIQUIDS WITH SAWDUST OR RAGS AND REMOVE. FLUSH WITH WATER IF POSSIBLE. AVOID SKIN CONTACT. DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. APPROVED AIRLINE TYPE RESPIRATORS OR HOODS RECOMMENDED IN CONFINED AREAS.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGHI'S TLV LIMIT.

SKIN PROTECTION: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. RUBBER OR NEOPRENE

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: USE PROTECTIVE CREAMS WHERE SKIN CONTACT IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. CLOTHING ADEQUATE TO PROTECT SKIN, EYEBATH, AND SAFETY SHOWER

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

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## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: GROUNDING: WHEN TRANSFERRING, FILL STEM AND CONTAINER MUST BE GROUNDED AND BONDED. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN SECTION II. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME DO NOT CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE EMPTY CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

OTHER PRECAUTIONS: PROVIDE RESPIRATORY PROTECTION AGAINST FUMES GENERATED DURING BURNING. AVOID PROLONGED CONTACT WITH SKIN AND BREATHING OF VAPORS

## SECTION X - HMIS RATINGS

HMIS RATINGS - HEALTH: 2            FLAMMABILITY: 3            REACTIVITY: 2

## SECTION XI - OTHER REGULATIONS

## SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
ALCOHOL	71-36-3	20.0 %
TOLUOL	108-88-3	15.0 %
XYLENE	1330-20-7	15.0 %

PREVIOUS MSDS REVISION DATE: 02/11/99

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

"The information herein is given in good faith, but no warranty, express or implied, is made."

<END OF MSDS>