

UNUSUAL FIRE AND EXPLOSION HAZARDS
CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME MATERIAL MAY SPLATTER.
TEMPERATURE ABOVE 212 F. DRIED FILM WILL BURN.

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SECTION V - REACTIVITY DATA
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STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH STRONG OXIDIZING MATERIALS. ETHYLENE GLYCOL WILL REACT VIOLENTLY WITH CHLOROSULFONIC ACID, OLEUM, H₂SO₄.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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SECTION VI - HEALTH HAZARD DATA
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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF THE NOSE, THROAT, AND LUNGS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN CONTACT: IRRITATING TO SKIN UPON REPEATED OR PROLONGED CONTACT.

EYE CONTACT: MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) EYE IRRITATION.

CORNEAL INJURY IS UNLIKELY.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

REPEATED SKIN EXPOSURE TO LARGE QUANTITIES MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS. THE DERMAL LD₅₀ HAS NOT BEEN DETERMINED.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THE ORAL LD₅₀ OF ETHYLENE GLYCOL FOR RATS IS IN THE 6000-13000 MG/KG RANGE. AMOUNTS INGESTED INCIDENTAL TO INDUSTRIAL HANDLING WON'T LIKELY CAUSE INJURY HOWEVER, INGESTION OF LARGER AMOUNTS MAY CAUSE SERIOUS INJURY, EVEN DEATH.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: PRE-EXISTING SKIN, EYE, AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO ETHYLENE GLYCOL.

CHRONIC: EXCESSIVE EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM, KIDNEY, BLOOD AND POSSIBLE LIVER EFFECTS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
NOT LISTED AS A CARCINOGEN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN IF IRRITATION PERSISTS.

SKIN CONTACT: WASH WITH WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALED: IF AFFECTED, REMOVE TO FRESH AIR.

INGESTION: IF SWALLOWED, IMMEDIATELY INDUCE VOMITING BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL A DOCTOR. (NEVER GIVE ANYTHING BY MOUTH OR ATTEMPT TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON) CALL A DOCTOR.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

AVOID ENTRY INTO SEWERS OR NATURAL WATER WAYS.

SMALL SPILLS: SOAK UP WITH ABSORBANT MATERIAL.

LARGER SPILLS: DIKE AND PUMP INTO SUITABLE CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL METHOD

DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN COOL DRY AREA OUT OF SUNLIGHT. STORE AWAY FROM HEAT OR ANY HEAT SOURCES. PROTECT FROM FREEZING.

OTHER PRECAUTIONS

NONE

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SECTION VIII - CONTROL MEASURES
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RESPIRATORY PROTECTION

IF EXPOSURE MAY EXCEED TLV RANGE, USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

VENTILATION

GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP VAPOR CONCENTRATIONS WITHIN SPECIFIED TLV RANGES.

PROTECTIVE GLOVES

THE USE OF PLASTIC OR RUBBER GLOVES IS ADVISED TO PREVENT SKIN IRRITATION TO SENSITIVE INDIVIDUALS.

EYE PROTECTION

SAFETY GLASSES ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

ADEQUATE CLOTHING SHOULD BE WORN TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES

GOOD HOUSEKEEPING PRACTICES SHOULD BE OBSERVED.

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SECTION IX - DISCLAIMER
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DISCLAIMER

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