

CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME TEMPERATURES. MATERIAL MAY
SPLATTER ABOVE 212 F

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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 ARE NOT LIKELY TO CAUSE INJURY; HOWEVER, INGESTION OF LARGER AMOUNTS COULD 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
NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

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

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

INHALATION: 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 PHYSICIAN. (NEVER GIVE ANYTHING BY
MOUTH OR ATTEMPT TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON). CALL A
PHYSICIAN.

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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. LARGE 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 FORM 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 OF
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 PROCEDURES SHOULD BE PRACTICED.

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SECTION IX - DISCLAIMER
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DISCLAIMER
THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO
BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED

TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE,
AND SUITABLE TO THEIR CIRCUMSTANCES.