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Product ID:ETHYLENE GLYCOL

MSDS Date:08/12/1991

FSC:6810

NIIN:00-006-4205

MSDS Number: BQKLS === Responsible Party ===

Company Name: EXCITON CHEMICAL CO INC

Address:400 LINDEN AVE

Box:31126 City:DAYTON State:OH ZIP:45431

Country:US

Info Phone Num:513-252-2989

Emergency Phone Num:513-252-2989

Preparer'

s Name:LARRY KNAAK

CAGE:9Z504

=== Contractor Identification ===

Company Name: EXCITON CHEMICAL CO INC

Address:400 LINDEN AVE

Box:31126 City:DAYTON State:OH ZIP:45431 Country:US

Phone:513-252-2989

CAGE:9Z504

====== Composition/Information on Ingredients ========

Ingred Name: ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000 Fraction by Wt: >99%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM, VAPOR; 9293

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

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LD50 LC50 Mixture:ACUTE ORAL LD50 (RAT) IS 4 G/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEBRANES AND UPPER RESPIRATORY TRACT. CAUSES SKIN IRRITATION. PROLONGED EXPOSURE CAN CAUSE NAUSEA, HEADACHE AND VOMITI

- NG. CHRONIC: MAY CAUSE REPRODUCTIVE DISORDERS; DAMAGE TO THE KIDNEYS.
- Explanation of Carcinogenicity: THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY NTP, IARC OR OSHA.
- Effects of Overexposure:ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEBRANES AND UPPER RESPIRATORY TRACT. CAUSES SKIN IRRITATION. PROLONGED EXPOSURE CAN CAUSE NAUSEA, HEADACHE AND VOMITING. CHRONIC: MAY CAUSE REPRODUCTIVE DISORDE

RS; DAMAGE TO THE KIDNEYS.

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF KIDNEY DISORDERS MAYBE AT INCREASED RISK FROM EXPOSURE.

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First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARAT ING THE EYELIDS WITH FINGERS. IF INHALED, REMOVE TO F

RESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

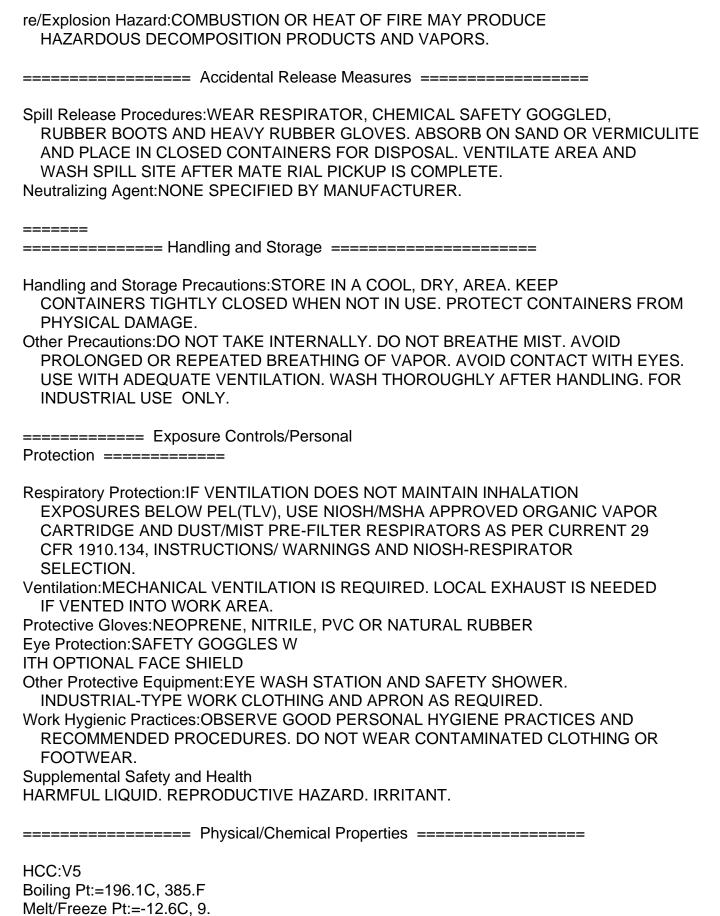
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Flash Point Method:TCC Flash Point:230F,110C

Lower Limits:3.2 Upper Limits:15.3

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL. Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fi



F Vapor Pres:0.08
Vapor Density:2.1
Spec Gravity:1.113
Evaporation Rate & Description Reference: