

VAN WATERS AND ROGERS INC SUB OF UNIVAR CORP -- ETHYLENE GLYCOL MONOETHYL ETHER  
;P2761 -- 6810-00-285-4309

===== Product Identification =====

Product ID:ETHYLENE GLYCOL MONOETHYL ETHER ;P2761

MSDS Date:05/08/1993

FSC:6810

NIIN:00-285-4309

MSDS Number: BSCVG

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC SUB OF UNIVAR CORP

Address:1600 NORTON BLDG

City:SEATTLE

State:WA

ZIP:98104-1

564

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:408-435-8700, CHEMTREC 800-424-9300

Preparer's Name:MSDS COORDINATOR

CAGE:0HVJ3

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

Contract Num:SP0450-00-M-D780

CAGE:75656

Company Name:VAN WATERS AND ROGERS INC SUB OF UNIVAR CORP

Address:1600 NORTON BLDG

Box:City:SEATTLE

State:WA

ZIP:98104-1564

Country:US

Phone:509-545-8401, CHEMTREC 800-424-9300

CAGE:0HVJ3

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===== Composition/Information on Ingredients =====  
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Ingred Name:2-ETHOXYETHANOL (EGEE) (SARA III)

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: >99%

OSHA PEL:S,200 PPM

ACGIH TLV:S, 5 PPM; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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===== Hazards Identification  
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LD50 LC50 Mixture:LD50 ORAL RAT=2370 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:UNKNOWN IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN:PROBABLY NON-IRRITATING AFTER BRIEF EXPOSURE,BUT IRRITATING AFTER PROLONGED EXPOSURE.NOT A SENSITIZER.NOT DERMALLY ABSORBED.EYES:LIQUID AND MISTS WILL IRRITATE EYES.INGEST:SLIGHTLY TOXIC.INHAL:MA Y CAUSE LIVER AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:RTECS

CITES 1993 NTP STUDY(BUT NOT ITS RESULTS).EGME HAS BEEN INVESTIGATED AS A MUTAGEN,TUMORIGEN,REPRODUCTIVE EFFECTOR.

Effects of Overexposure:INGEST:NAUSEA.CHRONIC EXPOSURE MAY CAUSE DIESTURBANCE OF BALANCE,GASTROINTESTINAL INFLAMMATION AND KIDNEY INJURY.

Medical Cond Aggravated by Exposure:MANUFACTURER STATES NONE.

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===== First Aid Measures =====  
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First Aid:INHAL:REMOVE TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.GET MEDICAL

HELP.EYES:FLUSH WITH WATER FOR 15 MINUTES,WHILE LIFTING LIDS.GET IMMEDIATE MEDICAL ATTENTION.SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.CALLPHYSICIAN IF IRRITATION PERSISTS.INGEST:IF CONSCIOUS,INDUCE VOMITING BY GIVING 2 GLASSES OF WATER;STICK FINGER DOWN THROAT.GET PROMPT QUALIFIED MEDICAL HELP.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:182F,83C

Lower Limits:1.2

Upper Limits:9

Extinguishing Media

:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,ALCOHOL FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.PRODUCT WILL FLOAT ON WATER.FORMS EXPLOSIVE MIXTURES IN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:WE

AR PROTECTIVE EQUIPMENT.EXTINGUISH IGNITION

SOURCES.SOAK UP SMALL SPILLS WITH AN INERT NON-COMBUSTIBLE

ADSORBANT.DISPOSE OF IN DOT APPROVED CONTAINERS.CONTAIN LARGE SPILLS BY DIRT DIKING;PUMP INTO D OT CONTAINERS.KEEP OUT OF WATERWAYS.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED AREA.GROUND ALL EQUIPMENT.KEEP THE CONTAINER CLOSED.MATERIAL TENDS TO BECOME

ACIDIC.VENT CONTAINER BEFORE OPENING.

Other Precautions:EMPTY CONTAINERS HAVE RESIDUES WHICH ARE SUBJECT TO PROPER WASTE DISPOSAL METHODS.AVOID EYES FROM DIRECT CONTACT WHICH MAY CAUSE IRRITATION.PREVENT PROLONGED OR REPEATED SKIN CONTACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:GENERAL ROOM VENTILATION IS USUALLY AD

EQUATE.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES.DO NOT WEAR CONTACTS!

Other Protective Equipment:RUBBER APRON,LONG SLEEVED  
SHIRTTROUSER,SAFETY SHOES.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET  
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK  
AREA.

Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:397F,203C

Vapor Pres:0.08

Vapor Density:4.6

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Spec Gravity:0.991

Evaporation Rate & Reference: