

SHELL OIL COMPANY -- ETHYLENE GLYCOL-FIBER GRADE;SHELL CODE32454 -- 6810-00-006-4205
===== Product Identification =====

Product ID:ETHYLENE GLYCOL-FIBER GRADE;SHELL CODE32454

MSDS Date:01/01/1987

FSC:6810

NIIN:00-006-4205

MSDS Number: BCVBH

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Emergency Phone Num:(713)473-9461

Preparer's Name:NOT PROVIDED

CAGE:54527

=== Contractor Identificati

on ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 100%

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== Hazards Identification =====

Effects of Overexposure:EYES:SEVERE EYE IRRITATION;SKIN:MILDLY

IRRITATING;INHAL:IRRITATING TO LUNGS,CNS DEPRESSION,KIDNEY DA

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First Aid Measures
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First Aid:INHAL:FRESH AIR,REST,HALF UPRIGHT POSITION,GET MEDICAL ATTENTION. SKN:REMOVE CONTD CLTHG,RINSE SKN W/PLTY OF H*2O & GET MEDICAL ATTENTION EYES: RINSE W/PLTY OF H*2O,SEE DR. INGEST:RINSE MOUTH,GIVE PLT Y OF H*2O TO DRINK & GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

FI

Flash Point:=111.1C, 232.F

Extinguishing Media:ALCOHOL,FOAM CO*2 DRY CHEMICAL,WATERFOG

Fire Fighting Procedures:USE NIOSH APPROVED SCBA IN FIRE FIGHTING AREA.USE H*2O TO CO

Unusual Fire/Explosion Hazard:NO UNUSUAL HAZARDS(AS SPECIFIED BY THE MFGR,

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Accidental Release Measures
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Spill Release Procedures:USE NIOSH APPROVED RESPIRATOR & PROTECTIVE CLOTHING.DIKE & CONTAIN LIQUID.REMOVE LIQUID W/VACUUM VESSEL OR BY PUMPING INTO SALVAGE APPROVED.SOA

W/ABSORBENT SUCH AS CLAY.PUT INTO TIGHT CONTAINER FOR DISPOSAL

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Handling and Storage
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Handling and Storage Precautions:WASH UP WITH SOAP & WATER BEFORE EATING,DRINKING,SMOKING,USING TOILET FACILITIES,OR LEAVING WORK.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Other Precautions:DO NOT INHALE.AVOID SKIN & EYE CONTACT.PROLONG EXPOSURE TO VAPORS MAY CAUSE DAMAGE TO CNS,KIDNEY,LIVER & MAY BE FATALORAL LD50

(RAT)=6G/KG;DERMAL LD50(RABBIT)=9.5

ML/KG;INH(RAT)=SAT AIR=0 DEATH

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA OR ORGANIC VAPOR RESPIRATOR.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:PRODUCT RESIST

Eye Protection:SAFETY/CHEM GOGGLES

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Supplemental Safety and Health

MSDS DATED NOV 13,1985.

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=197.2C, 387.F

Vapor Pres: .06

Vapor Density:2.1

Spec Gravity:1.1

Evaporation Rate & Reference: