

SHELL OIL COMPANY -- ETHYLENE GLYCOL-FIBER GRADE;SHELL CODE32454 -- 6810-00-006-4206  
===== Product Identification =====

Product ID:ETHYLENE GLYCOL-FIBER GRADE;SHELL CODE32454

MSDS Date:01/01/1987

FSC:6810

NIIN:00-006-4206

MSDS Number: BCVBQ

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Emergency Phone Num:713-473-9461

Preparer's Name:NOT PROVIDED

CAGE:54527

=== Contractor Identification

n ===

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:INHAL:KIDNEY & LIVER DISORDERS, CNS DEP;

SKIN/EYE:IRRIT; INGEST:CNS STML/DEP, KIDNEY DISORDERS.

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First Aid Measures  
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First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR. CONTACT:  
IMMED FLUSH EYES W/PLENTY OF WATER. WASH SKIN W/SOAP & WATER. RMV  
CONTAM CLTHG & SHOES. INGEST: INDUCE VOMITING. RPT UNTIL VOMIT IS  
CLEAR. NOTH ING BY MOUTH IF UNCONSC. GET MED ATTN.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:=  
111.1C, 232.F  
Extinguishing Media:SM & LG FIRE:CO\*2, H\*2O SPRAY,ALC FOAM.  
Fire Fighting Procedures:USE H\*20 TO COOL EXPD CONTRS. USE SCBA & FULL  
PROT.CLTHG.  
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:WEAR APPROVED RESPIRATOR & PROTECT CLTHG. SHUT  
OFF SOURCE OF LEAK IF SAFE. DIKE TO CONTAIN LIQUID. RMV LIQ  
W/VACUUM OR PUMP INTO SALVAGE VESSEL. SOAK UP RESIDUE & SM SPILLS  
W/ABSORBENT. PUT IN SEAL  
ED CONTAINER FOR DISPOSAL.

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

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Exposure Controls/Personal Protection  
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Respiratory Protection:NIOSH/MESA APPR SCBA/AIR SUPP RESPIR.  
Ventilation:MECHANICAL VENT TO MAINTN EXPOS BELOW TLV(S)  
Protective Gloves:RUBBER/NEOPRENE  
Eye

Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Supplemental Safety and Health

MSDS DATED NOV 13,1985.

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=197.2C, 387.F

Vapor Pres:0.6

Vapor Density:2.1

Spec Gravity:1.1

Evaporation Rate & Reference: