

SHELL CHEMICAL COMPANY -- ETHYL ALCOHOL -- 6810-00-264-5906

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Product Identification  
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Product ID:ETHYL ALCOHOL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-264-5906

MSDS Number: BDQLF

=== Responsible Party ===

Company Name:SHELL CHEMICAL COMPANY

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461

CAGE:86961

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Contractor Identification ===

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-473-9461

CAGE:86961

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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Hazards Identification  
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Effects of Overexposure:IRRITATION

OF EYES & RESPIRATORY  
TRACT,FATIGUE,NAUSEA,NARCOSIS

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First Aid Measures  
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First Aid:IRRIGATE EYES W/WATER. WASH SKIN W/SOAP & WATER.

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Fire Fighting Measures  
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Flash Point:55F/12.8C/TCC

Lower Limits:4.3

Upper Limits:19

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,ALCOHOL FOAM,STEAM

Fire Fighting Procedures:AS APPROPRIATE FOR FLAMMABLE,WATER-SOLUBLE  
LIQUID

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Accidental Release Measures  
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION.

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Handling and Storage  
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL  
DAMAGE. STORE INDOORS IN WELL-VENTILATED AREA. ELIMINATE SOURCES OF  
STATIC ELECTRICITY.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF NECES,CHEM CARTRIDGE RESPIR.

Ventilation:ADEQUATE TO KEEP VAPOR CONC BELOW TLV

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Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER BOOTS & APRON

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:F2

Boiling Pt:=77.8C, 172.F

Vapor Pres:44

Vapor Density:1.6

Spec Gravity:0.79

Evaporation Rate & Reference:1.6 (NBUAC=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS,MOBILE LIQUID,PLEASANT ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: EXTREME HEAT, SOURCES OF IGNITION

===== Disposal Considerations =====

Waste Disposal Methods: INCINERATION

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