

SHELL CHEMICAL COMPANY -- SPEC. DEN. ALCOHOL SD-3A -- 6810-00-201-0904

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

Product ID:SPEC. DEN. ALCOHOL SD-3A

MSDS Date:01/01/1985

FSC:6810

NIIN:00-201-0904

MSDS Number: BDJHH

=== 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

=== 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

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

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 5.0%

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:E

THYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 95.0%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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

Effects of Overexposure:ANESTHESIA, HEADACHE,NAUSEA, DIZZINESS.  
PROLONGED CONTACT WITH LIQUID MAY DEHYDRATE SKIN

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===== First Aid Measures =====

First Aid:REMOVE VICTIM & RESTORE BREATHING

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

Flash Po

int Method:TCC

Flash Point:=15.6C, 60.F

Lower Limits:3.0

Upper Limits:15.0

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM

Fire Fighting Procedures:HANDLE AS A FLAMMABLE LIQUID

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

Spill Release Procedures:AVOID CONTACT WITH SPARKS OR OPEN FLAME. WASH  
AWAY WITH ARGE AMTS OF WATER - BUT NOT INTO A CONFINED AREA.  
PROVIDE GOOD VENTILATION &/OR USE RESPIRATORY EQUIPMENT

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===== Handling and Storage

ge =====

Handling and Storage Precautions:HANDLE AS A FLAMMABLE LIQUID. USE GOOD  
PERSONAL HYGIENE

Other Precautions:AVOID BREATHING VAPORS

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

Respiratory Protection:ORGANIC CANISTER MASK

Ventilation:AS REQUIRED TO MAINTAIN TLV

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Supplemental Safety and Health

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

HCC:F5

NRC/State Lic Num:NOT RELE

VANT  
Boiling Pt:B.P. Text:165-173F  
Vapor Pres:45  
Vapor Density:1.8  
Spec Gravity:0.80  
Evaporation Rate & Reference:1.4  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS, CLEAR, MOBILE LIQUID

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:SPARKS AND OPEN FLAME  
Hazardous Decomposition Products:METHANOL ON EVAPORATION.COMBUSTION MAY  
RELEASE CARBON MONOX

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

Waste Disposal Methods:CONTROLLED BURNING OR FLUSH AWAY WITH LARGE  
AMOUNTS OF WATER

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