

SHELL CHEMICAL COMPANY -- DENATURED ALCOHOL -- 6810-00-201-0906

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Product Identification
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Product ID: DENATURED ALCOHOL

MSDS Date: 01/01/1985

FSC: 6810

NIIN: 00-201-0906

MSDS Number: BDJHP

=== 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: 869

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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: 95.2%

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9192

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

CAS: 67-56-1

RTECS #: PC1400000

Fraction by Wt:

4.8%
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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Effects of Overexposure:ANESTHESIA,HEADACHE,NAUSEA,DIZZINESS,IRRITATION
OF EYES & RESPIRATORY TRACT,DEHYDRATION OF SKIN.

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First Aid Measures
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First Aid:REMOVE VICTIM AND RESTORE VICTIM.INGESTION - GIVE TBL SPOON
SALT IN GLASS WARM WATER. REPEAT UNTIL VOMIT IS CLEAR.
GIVE 2 TSP
BAKING SODA IN WATER. KEEP VICTIM WARM, AND PRONE. EYE CONTACT -
FLUSH WTH WATER FOR 15 MIN. CALL DOCTOR.

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Fire Fighting Measures
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Flash Point 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
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Spill Release Procedures:AVOID CO
NTACT WITH SPARKS OR OPEN FLAME.
ABSORB AND WASH EXCESS WITH WATER. PROVIDE GOOD VENTILATION AND/OR
USE RESPIRATORY PROTECTION.

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Handling and Storage
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL
DAMAGE.STORE INDOORS IN A COOL WELL VENTILATED PLACE.STORE AWAY
FROM ALL POSSIBLE IGNITION SOURCES.
Other Precautions:AVOID BREATHING VAPORS

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Exposure Controls/Personal Protection
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Respir

atory Protection:ORGANIC CANISTER MASK
Ventilation:LOCAL - DESIRABLE-TO MAINTAIN TLV
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Supplemental Safety and Health
THIS MIXTURE, DENATURED ALCOHOL, IS MADE UP OF ETHYL AND METHYL
ALCOHOL.

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

HCC:F5
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=78.3C, 173.F
Vapor Pres:45
Vapor Density:1.8
Spec Gravity:0.80
Evaporation Rate & Reference:1.4-BUTYL ACETATE
Solubility in Water:COMP
LETE
Appearance and Odor:COLORLESS,CLEAR,MOBILE LIQUID,MILD ALCOHOLIC ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS CHROMIC ACID,PEROXIDES,PERCHLORATES
Stability Condition to Avoid:SPARKS & OPEN FLAME
Hazardous Decomposition Products:METHANOL ON EVAORATION;INCOMPLETE
COMBUSTION MAY RELEASE CO

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

Waste Disposal Methods:CONTROLLED BU
RNING IN AN INCINERATOR OR FLUSH
AWAY WITH LARGE AMOUNTS OF WATER.

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