

## **SPECIALLY DENATURED ALCOHOL**

### **MSDS Number**

BNBZK

### **National Stock Number**

6810-00-205-6790

### **Product Name**

SPECIALLY DENATURED ALCOHOL

### **Manufacturer**

CSA LIMITED INC

### **Product Identification**

Product ID:SPECIALLY DENATURED ALCOHOL

MSDS Date:09/12/1990

FSC:6810

NIIN:00-205-6790

MSDS Number: BNBZK

### **Responsible Party**

CSA LIMITED, INC.

HOUSTON , TX 77269-0347

US

Emergency Phone: 713-444-6454

Info Phone: 713-444-6454

Preparer: SIDNEY K. SAKSENBERG

Cage: CSALI

### **Contractor**

CSA LIMITED, INC.

690347

HOUSTON, TX 77269-0347

US

713-444-6454

Cage: CSALI

### **Ingredients**

ETHYL ALCOHOL

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 93%

OSHA PEL100 PPM

METHYL ALCOHOL (SARA 313)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 4%

OSHA PELS,200PPM/250STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BITREX

CAS: 3734-33-6

RTECS: BO6650000

Fraction By Weight: < 1%

OSHA PELNONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

METHYL ISOBUTYL KETONE (SARA 313)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: < 1%

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ACETATE (SARA 313)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: < 1%

OSHA PEL400 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:MAY CAUSE LIVER DAMAGE, BLINDNESS, DEATH. CONTAINS METHANOL AND IS POISONOUS.

Effects of Overexposure:NAUSEA, UNCONSCIOUSNESS, SKIN AND EYE IRRITATION.

Medical Cond Aggravated by Exposure:NONE.

## First Aid

First Aid:EYE: FLUSH WITH WATER. SEEK MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. APPLY ARTIIFICAL RESPIRATION IF NEEDED. INGESTION: INDUCE VOMITING. CALL PHYSI CIAN OR POISON CONTROL.

## Fire Fighting

Flash Point Method:TCC

Flash Point:55 F

Lower Limits:3.3

Upper Limits:19

Extinguishing Media:DRY CHEMICAL, CO2.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE.

## Accidental Release

Spill Release Procedures:KEEP IGNITION SOURCES AWAY. VENTILATE AREA.  
DILUTE WITH WATER AND MOP UP.

## Handling

Handling and Storage Precautions:STORE AND USE AWAY FROM HEAT, OPEN  
FLAME AND OTHER SOURCES OF IGNITION.

## Exposure Controls

Respiratory Protection:NOT NEEDED.

Ventilation:LOCAL EXHAUST: NOT NEEDED. MECHANICAL (GENERAL) - USE WELL  
VENTILATED AREA.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES WITH SPLASH GUARDS.

Other Protective Equipment:HAVE EYE WASH AVAILABLE.

Work Hygienic Practices:KEEP CONTAINER CLOSED WHEN NOT IN USE.

Supplemental Safety and Health

## Chemical Properties

HCC:F5

Boiling Pt:B.P. Text:78 C

Melt/Freeze Pt:M.P/F.P Text:117 C

Vapor Pres:40 MM HG

Vapor Density:1.59

Spec Gravity:(H2O=1) 0.816

Evaporation Rate & Reference:(ETHER=1) 1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID WITH AN ALCOHOL ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:HIGH TEMPERATURES, OPEN FLAMES, AND  
SPARKS.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

## Disposal

Waste Disposal Methods:SMALL AMOUNTS CAN BE FLUSHED TO DRAIN WITH  
WATER. LARGE AMOUNTS SHOULD BE COLLECTED FOR INCINERATION.

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