

QUANTUM CHEMICAL CORP -- DENATURED ALCOHOL -- 6810-00-201-0906

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Product Identification
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Product ID: DENATURED ALCOHOL

MSDS Date: 03/28/1991

FSC: 6810

NIIN: 00-201-0906

MSDS Number: BKQTB

=== Responsible Party ===

Company Name: QUANTUM CHEMICAL CORP

Address: 11500 NORTHLAKE DR

Box: 429550

City: CINCINNATI

State: OH

ZIP: 45249-1642

Country: US

Info Phone Num: 513-530-6500

Emergency Phone Num: 513-530-6500

Preparer's Name: C.A. EISENHARD

CAGE: 78918

=== Contractor Identification ===

Company Name: CHEMICAL COMMODITIES AGENCY, INC.

Address: 27447 PACIFIC STREET

Box: City: HIGHLAND

State: CA

ZIP: 92346-2640

Country: US

Phone: 909-864-2310

CAGE: 60777

Company Name: QUANTUM CHEMICAL CORPORATION USI DIVISION

Address: 11500 NORTHLAKE DRIVE

Box: 429550

City: CINCINNATI

State: OH

ZIP: 45249

Country: US

Phone: 713-479-2873/800-424-9300(CHEMTREC)

CAGE: 78918

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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%

Other REC Limits:NONE SPECIFIED

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%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,200PPM/250STEL

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

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Other REC Limits:NONE SPECIFIED

OSH

A PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9192

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

==== Hazards Identification =====

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE-FOR PURE

ETHANOL.INHALATION:EXPOSURE TO OVER 1000 PPM MAY CAUSE
HEADACHE,DROWSINESS & IRRITATION OF THROAT.INGESTION:CAN CAUSE
DEPRESSION OF CNS,NAUSEA,VOMITING,DIARRHEA.M

ETHANOL MAY CAUSE BLIND

NESS OR DEATH.EYE:MAY CAUSE IRRITATION.SKIN:PROLONGED CONTACT MAY
CAUSE IRRITATION & DEFATTING.CHRONIC-NOT GIVEN.

Explanation of Carcinogenicity:BENZENE (CARCINOGEN/BLOOD).

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure:NOT GIVEN.

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

First Aid:GET MEDICAL ATTENTION IN ALL CASES.SWALLOWED:IF

CONSCIOUS,DRINK WATER/MILK TO DILUTE.INDUCE VOMITING IF ADVISED

BY

PHYSICIAN/POISON CONTROL CENTER. INHALED: IMMEDIATELY REMOVE TO FRESH AIR. GIVE CPR IF NECESSARY. EYES/SKIN: FLUSH WITH PLENTY OF COOL WATER. FLUSH EYE FOR AT LEAST 15 MINUTES. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

Flash Point Method: TCC

Flash Point: 60.0F, 15.6C

Lower Limits: 3.3

Upper Limits: 19

Extinguishing Media: USE CARBON DIOXIDE, ALCOHOL-TYPE FOAM, OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE.

Fire

Fighting Procedures: NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE WITH A FULL FACEPIECE. USE WATER SPRAY TO COOL CONTAINERS OR DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard: SMOKE, FUMES AND HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures: ELIMINATE ALL SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL

TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. THE USER SHOULD DETERMINE IF SPILL IS REPORTABLE.

Neutralizing Agent: NOT APPLICABLE.

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===== Handling and Storage =====

Handling and Storage Precautions: STORAGE-STORING OUTSIDE IS PREFERRED. INSIDE STORAGE SHOULD BE IN A NFPA APPROVED FLAMMABLE LIQUIDS STORAGE ROOM/CABINET.

Other Precautions: FOR INDUSTRIAL USE ONLY. CONTAINS 4.8% METHANOL. ISOLATE FROM OXIDIZERS, HEAT, SOURCES OF IGNITION & EXPLOSIVE. BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQUID. NEVER USE PRESSURE TO EMPTY. CONTAINERS HAZARDOUS WHEN EMPTY.

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

Respiratory Protection: RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH-APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation: LOCAL EXHA

UST AS NECESSARY TO MEET TWA LIMITS.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES OR SPLASH-PROOF GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

POISON - DANGER! CONTAINS METHANOL; MAY BE FATAL OR

CAUSE BLINDNESS IF

SWALLOWED.

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

HCC:F5

Boiling Pt:B.P. Text:173F,78C

Vapor Pres:44.6

Vapor Density:1.59

Spec Gravity:0.794

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR AND COLORLESS

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS AND ACETYL CHLORIDE

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Pr

oducts:CARBON MONOXIDE

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

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKED, LABELED, TRANSPORTED AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.

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