

DENATURED ALCOHOL 70%

MSDS Number

BSCWY

National Stock Number

6810-00-782-2686

Product Name

DENATURED ALCOHOL 70%

Manufacturer

ASHLAND CHEMICAL COMPANY

Product Identification

Product ID:DENATURED ALCOHOL 70%

MSDS Date:09/12/1991

FSC:6810

NIIN:00-782-2686

MSDS Number: BSCWY

Responsible Party

ASHLAND CHEMICAL COMPANY

COLUMBUS , OH 43216-2219

US

Emergency Phone: 614-276-6143

Info Phone: 614-276-6143

Cage: 34897

Contractor

ASHLAND CHEMICAL CO

2219

COLUMBUS, OH 43216-2219

US

614-790-3333/800-274-5263

Cage: 34897

Ingredients

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 3%

OSHA PELS,200PPM/250STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: >60%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9293

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 1%

OSHA PEL50 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYES: CAN CAUSE MODERATE IRRITATION, REDNESS, TEARING. SKIN: CAN CAUSE SLIGHT IRRITATION. INHALATION: CAN CAUSE NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NASUEA. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:PER MANUFACTURER, IRAC HAS DETERMINED THAT CHRONIC EXPOSURE TO ETHANOL CONSUMPTION OVER TIME CAN CAUSE CANCER.

Effects of Overexposure:OVEREXPOSURE TO THIS MATERIAL HAS BEEN SUGGESTED AS A CAUSE IN HUMANS OF LIVER ABNORMALITIES, EYE DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. GET ME DICAL ATTENTION. INGESTION: IMMEDIATELYDRINK TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC

Flash Point:55.0F,12.8C

Lower Limits:1.4

Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS OR OTHER FLAMES.

Accidental Release

Spill Release Procedures:ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES.

Other Precautions:SKIN ABSORPTION MAY CONTRIBUTE TO THE OVERALL ABSORPTION OF THIS MATERIAL. APPROPRIATE MEASURES SHOULD BE TAKEN

TO PREVENT ABSORPTION SO THAT THE TLV AND/OR PEL ARE NOT INVALIDATED.

Exposure Controls

Respiratory Protection: A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: NEOPRENE, NITRILE RUBBER

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: WEAR IMPERVIOUS CLOTHING AND BOOTS TO PREVENT PROLONGED SKIN CONTACT.

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER EACH USE OF THIS PRODUCT.

Supplemental Safety and Health

NONE

Chemical Properties

HCC: F5

Boiling Pt: B.P. Text: 147F, 64C

Vapor Pres: 97.68

Vapor Density: > 1 (AIR=1)

Spec Gravity: Evaporation Rate & Reference: SLOWER THAN ETHER

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: 100

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.