

DENATURED ALCOHOL 70%

MSDS Number

BSKYP

National Stock Number

6810-00F030372

Product Name

DENATURED ALCOHOL 70%

Manufacturer

ASHLAND CHEMICAL INC

Product Identification

Product ID:DENATURED ALCOHOL 70%

MSDS Date:09/12/1991

FSC:6810

NIIN:00F030372

MSDS Number: BSKYP

Responsible Party

ASHLAND CHEMICAL INC

COLUMBUS , OH 43216-2219

US

Emergency Phone: 800-274-5263

Info Phone: 614-889-3333

Cage: 34897

Contractor

ASHLAND CHEMICAL CO

2219

COLUMBUS, OH 43216-2219

US

614-790-3333/800-274-5263

Cage: 34897

Ingredients

METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 3%

OSHA PEL260 MG/CUM

ACGIH TLV: 262 MG/CUM (SKIN)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHANOL (ETHYL ALCOHOL), TECSOL, ALCOHOL

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: >60%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM

HEXONE, METHYL ISOBUTYL KETONE (MIBK), 4-METHYL-2-PENTANONE

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 1.26%

OSHA PEL410 MG/CUM

ACGIH TLV: 205 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: MODERATE IRRITATION & DAMAGE.
INHALATION: NASAL & RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM
EFFECTS. INGESTION: LIVER ABNORMALITIES, GASTROINTESTINAL
IRRITATION. SKIN: SLIGHT IRRITATION & ABSORPTION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: REDNESS & TEARING. INHALATION: DIZZINESS,
WEAKNESS, FATIGUE, NAUSEA, HEADACHE, & POSSIBLE UNCONSCIOUSNESS.
INGESTION: NAUSEA, VOMITING & DIARRHEA. METHANOL MAY CAUSE
METABOLIC ACIDOSIS, VISUAL DISTURBANCES & BLINDNESS.

First Aid

First Aid:SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING.
EYES: FLUSH W/PLENTY OF WATER. INGESTION: IMMEDIATELY DRINK 2
GLASSES OF WATER & INDUCE VOMITING BY GIVING IPECAC SYRUP/PLACING
FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH IF
UNCONSCIOUS. INHALATION: REMOVE TO FRESH AIR. IF DIFFICULTY
BREATHING, GIVE OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL
RESPIRATION. KEEP WARM/QUIET. (SUPP)

Fire Fighting

Flash Point Method:TCC
Flash Point:55-75F
Lower Limits:1.4%
Extinguishing Media:ALCOHOL FOAM, CO2 OR DRY CHEMICAL
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL
FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL
ALONG GROUND/MOVED BY VENTILATION & IGNITED BY IGNITION SOURCE.

Accidental Release

Spill Release Procedures:ABSORB ON VERMICULITE/FLOOR ABSORBENT/OTHER
ABSORBENT. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE
EQUIPMENT. STOP SPILL AT SOURCE. PREVENT FROM ENTERING ANY WATER
SYSTEMS. PREVENT FROM SPREADING. PUMP/VACUUM TO CLEAN CONTAINERS
FOR RECOVERY.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE
HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT
RESIDUES (VAPOR, LIQUID, &/OR SOLID).
Other Precautions:NEVER USE WELDING/CUTTING TORCH ON/NEAR DUM (EVEN
EMPTY) CAN IGNITE EXPLOSIVELY. 5 GALLON PARTS & LARGER CONTAINERS
INCLUDING TANK CARS/TRUCKS SHOULD BE GROUNDED/BONDED.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation:SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:RESISTANT (NEOPRENE OR NITRILE RUBBER)

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS

Supplemental Safety and Health

NOTE TO PHYSICIAN: THIS PRODUCT CONTAINS METHANOL. METHANOL IS METABOLIZED TO FORMALDEHYDE & FORMIC ACID. TOXIC SYMPTOMS MAY BE DELAYED FROM 6 TO 30 HOURS FOLLOWING INGESTION. ETHANOL COMPETES FOR THE SAME METABOLIC PATHWAY & HAS BEEN USED AS AN ANTIDOTE. METHANOL IS EFFECTIVELY REMOVED BY HEMODIALYSIS.

Chemical Properties

Vapor Pres:97.68

Vapor Density:>1

Spec Gravity:Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:CO₂, CO, VARIOUS HYDROCARBONS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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