

ISOPROPANOL 99%

MSDS Number

BHCBX

National Stock Number

6810-00-753-4993

Product Name

ISOPROPANOL 99%

Manufacturer

ASHLAND CHEMICAL CO

Product Identification

Product ID:ISOPROPANOL 99%

MSDS Date:02/10/1995

FSC:6810

NIIN:00-753-4993

MSDS Number: BHCBX

Responsible Party

ASHLAND CHEMICAL CO.

COLUMBUS , OH 43216

US

Emergency Phone: 606-324-1133

Info Phone: 614-889-3333

Cage: 5A188

Contractor

SANCHEZ & ASSOCIATES

1649

COLTON (MAY BE OUT OF BUSINESS !), CA 92324

US

714-370-3921/FAX824-0341 ALL WRONG#

Cage: 0HF19

Ingredients

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 99%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

Hazards

LD50 LC50 Mixture:TLV: 400 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES-CAUSES EYE IRRITATION. SKIN-MILD SKIN IRRITATION. MAY DRY SKIN. BREATHING-NOSE, THROAT, RESPIRATORY TRACT IRRITATION. LOW BLOOD PRESSURE AND COMA.

SWALLOWING-GASTROINTESTINAL IRRITATION, IMPAIRED COORDINATION, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY DEPRESSION, LOW BLOOD PRESSURE, EFFECTS ON HEART RATE.

Explanation of Carcinogenicity:THIS MATERIAL CANNOT BE CLASSIFIED WITH REGARD TO CARCINOGENICITY, & WAS NOT LISTED A CARCINOGENIC BY IARC, NTP OR OSHA.

Effects of Overexposure:EYES-STINGING, TEARING, REDNESS & SWELLING. SKIN-REDNESS, BURNING, DRYING & SKIN BURNS. BREATHING-IMPAIRED COORDINATION, CONFUSION, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS. SWALLOWING-NAUSEA, VOMITING, DIARRHEA, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, HEADACHE, COMA. Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION. EYES: MOVE AWAY FROM EXPOSURE & INTO FRESH AIR. FLUSH EYE WITH WATER FOR 15 MIN. SEEK MEDICAL ATTENTION. SWALLOWED : SEEK MEDICAL ATTENTION. IF CONSCIOUS/ALERT, INDUCE VOMITING BY GIVING SYRUP OF IPECAC. DO NOT LEAVE UNATTENDED. BREATHED: MOVE TO FRESH AIR. SEEK MEDICAL AID. IF NOT BREATHING BEGIN CPR/OXYGEN.

Fire Fighting

Flash Point Method:TCC
Flash Point:53.0F,11.7C
Autoignition Temp:Autoignition Temp Text:750F
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR & RESISTANT EQUIPMENT.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION & IGNITED BY IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL.

Accidental Release

Spill Release Procedures:ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED.
Other Precautions:NEVER USE WELDING TORCH OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

Exposure Controls

Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT IS EXCEEDED, ANIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLVS.
Protective Gloves:WEAR RESISTANT GLOVES.
Eye Protection:CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.
Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:180F,82C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:33

Vapor Density:2.07
Spec Gravity:0.789
Evaporation Rate & Reference:7.7 (ETHYL ETHER=1)
Solubility in Water:NOT GIVEN
Appearance and Odor:CLEAR LIQUID, ALCOHOL ODOR
Percent Volatiles by Volume:100.0

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS, ACIDS, CHLORINE,
ACETALDEHYDE, ETHYL OXIDE, ISOCYANATES.
Stability Condition to Avoid:DO NOT USE WITH ALUMINUM EQUIPMENT AT
TEMPERATURES ABOVE 120 DEG F.
Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE AND CARBON
MONOXIDE, ETC.

Disposal

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

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