

## **ISOPROPYL ALCOHOL**

### **MSDS Number**

BHCCF

### **National Stock Number**

6810-00-855-1158

### **Product Name**

ISOPROPYL ALCOHOL

### **Manufacturer**

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

### **Product Identification**

Product ID:ISOPROPYL ALCOHOL

MSDS Date:11/12/1987

FSC:6810

NIIN:00-855-1158

MSDS Number: BHCCF

### **Responsible Party**

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

COLUMBUS , OH 43216

US

Emergency Phone: 606-324-1133

Info Phone: 606-324-1133

Cage: 5A188

### **Contractor**

CHEMICAL SPECIALISTS AND DEVELOPMENT INC

687

CONROE, TX 77305

US

409-756-1065

Cage: 4N760

### **Ingredients**

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: >95%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM/500STEL;9394

### **Hazards**

LD50 LC50 Mixture:LD50 ORAL RAT=5045 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE:INHALATION & INGESTION MAY CAUSE CNS DEPRESSION.INHALATION MAY CAUSE RESPIRATORY IRRITATION.CONTACT WITH SKIN & EYES MAY CAUSE IRRITATION.INGESTION MAY CAUSE GI TRACT IRRITATION.ASPIRATION MAY CAUSE LUNG DAMAGE.CHRONIC:PROLONGED OR REPEATED EXPOSURE MAY CAUSE NERVE DAMAGE,VISUAL DISTURBANCES,DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENTS OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYE:CAN CAUSE SEVERE IRRITATION,REDNESS, TEARING,BLURRED VISION; SKIN:MODERATE IRRITATION,DEFATTING,DERMATITIS; INHALE:EXCESSIVE INHALATION OF VAPOR CAN CAUSE NASAL & RESPIRATORY IRRITATION,CENTRAL NERVOUS SYSTEM EFFECTS:DIZZINESS,WEAKNESS,NAUSEA, HEADACHE,ETC.; INGEST:GASTROINTESTINAL IRRITATION,NAUSEA,VOMITTING,ETC.  
Medical Cond Aggravated by Exposure:PERSONS WITH IMPAIRED LUNG FUNCTION OR ASTHMA OR PREEXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

## First Aid

First Aid:EYES-FLUSH WITH LOTS OF WATER FOR 15 MINUTES.SEE DOCTOR.SKIN-REMOVE CONTAMINATED CLOTHING & SHOES.WASH WITH SOAP & WATER.SEE DOCTOR.INHALATION-REMOVE VICTIM TO FRESH AIR.RESTORE BREATHING IF NEEDED.SEE DOCTOR.INGESTION-IF CONSCIOUS,DRINK TWO GLASSES OF WATER & INDUCE VOMITTING BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT.SEE DOCTOR.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:53.0F,11.7C  
Lower Limits:2  
Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, WATER SPRAY OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR SCBA WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRE. USE WATER TO COOL FIRE EXPOSED CONTAINERS.  
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. THIS MATERIAL IS EXTREMELY FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME, OR STATIC ELECTRICITY.

## Accidental Release

Spill Release Procedures:STAY UPWIND & AWAY FROM SPILL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. KEEP OUT OF DRAINS, SEWERS, & WATERWAYS. LIQUID MAY BE ABSORBED IN INERT ABSORBENT & PLACED INTO APPROPRIATE DISPOSAL CONTAINER & SEAL. NOTIFY AUTHORITIES IF REQUIRED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE AWAY FROM IGNITION SOURCES & INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.  
Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE TO SOURCES OF IGNITION. THEY MAY EXPLODE & CAUSE INJURY OR DEATH. AVOID INHALATION OF VAPORS & DIRECT CONTACT.

## Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.  
Ventilation:SUFFICIENT EXPLOSION-PROOF MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.  
Protective Gloves:RUBBER,PVA,PVC  
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:IMPERVIOUS CLOTHING AND BOOTS AS NEEDED. EYE WASH STATION & SAFETY SHOWER AVAILABLE FOR EMERGENCIES.  
Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN.DO NOT BREATHE VAPORS.WASH THOROUGHLY AFTER HANDLING.LAUNDRY CONTAMINATED CLOTHING.  
Supplemental Safety and Health

## Chemical Properties

HCC:F2  
Boiling Pt:B.P. Text:80.0F,26.7C  
Vapor Pres:33 MM HG  
Vapor Density:2.0  
Spec Gravity:0.783  
Evaporation Rate & Reference:7.7 (ETHYL ETHER = 1)  
Solubility in Water:APPRECIABLE  
Appearance and Odor:COLORLESS LIQUID.  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:DLA-HMIS: AVOID SOURCES OF IGNITION AND  
INCOMPATIBLE MATERIALS.  
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON  
MONOXIDE AND/OR CARBON DIOXIDE, ETC.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. DLA-HMIS:  
EPA/RCRA WASTE NUMBER D001 (IGNITABLE) MAY APPLY TO  
UNUSED/UNCONTAMINATED PRODUCT.

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