

ISOPROPYL ALCOHOL

MSDS Number

BLBQQ

National Stock Number

6810-00N016417

Product Name

ISOPROPYL ALCOHOL

Manufacturer

CHEMTECH INDUSTRIES INC

Product Identification

Product ID:ISOPROPYL ALCOHOL

MSDS Date:01/01/1987

FSC:6810

NIIN:00N016417

MSDS Number: BLBQQ

Responsible Party

CHEMTECH INDUSTRIES INC

1655 DES PERES RD

ST LOUIS , MO 63131

Emergency Phone: 314-966-9900

Info Phone: 314-966-9900

Cage: 56894

Contractor

CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

31000

ST. LOUIS, MO 63131-1821

US

314-966-9934

Cage: 56894

Ingredients

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 100%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

Hazards

LD50 LC50 Mixture:LD50: (ORAL,RAT) 5840 MG/KG

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

Health Hazards Acute and Chronic:SKIN AND EYE IRRITATION. BREATHING OF VAPORS CAN BE IRRITATING TO NOSE AND THROAT. IN HIGH CONCENTRATIONS, MAY CAUSE NAUSEA, DIZZINESS, HEADACHE AND STUPOR. INGESTION IS HARMFUL, CAUSING SIMILAR EFFECTS. PRE-EXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO IPA. Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER. Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, EYE AND RESPIRATORY DISORDERS.

First Aid

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION, IF NECESSARY, CALL A PHYSICIAN. INGE ST: INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC
Flash Point:55.0F,12.8C
Lower Limits:2.1%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CLOSED CONTAINERS.
Unusual Fire/Explosion Hazard:KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

Accidental Release

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION, AVOID BREATHING VAPOR. VENTILATE AREA. ABSORB ON INERT MEDIA AND CONTAINERIZE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:WARNING! CONTAINS: ISOPROPYL ALCOHOL. FLAM. BRTHG VAP MAY CAUSE IRRIT. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. USE ONLY W/ADEQ VENT. (SEE SUPP DATA)
Other Precautions:DON'T STORE ABOVE 120 F. STORE LRG AMOUNTS IN STRUCTURES MADE FOR FLAM LIQ. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQ. DON'T FLAME CUT, BRAZE/WELD. EMPTY CONTAINER HAZ, CONTIN UE ALL LABEL PRECAUTIONS.

Exposure Controls

Respiratory Protection:FOR EMERGENCY: NIOSH/MSHA APPROVED ORGANIC CANISTER OR SELF CONTAINED AIR-PACK.
Ventilation:LOCAL EXHAUST PREFERRED.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
HNDLG/STOR PREC: AVOID PRLNGD BRTHG OF VAP/SPRAY MIST. AVOID CONTACT W/EYES & SKIN. DO NOT TAKE INTERNALLY. KEEP CLOSURES TIGHT & UPRIGHT TO PREVENT LEAKAGE. KEEP CONTAINER CLOSED WHEN NOT IN USE.
IN CASE OF SPILL: ABSORB & DISP IN ACCRD W/LOCAL APPLICABLE REGS.

Chemical Properties

Boiling Pt:B.P. Text:177F,81C
Vapor Pres:33 @ 20 C
Vapor Density:2.07
Spec Gravity:0.787
Evaporation Rate & Reference:2.8
Solubility in Water:COMPLETE
Appearance and Odor:CLEAN COLORLESS LIQUID WITH A TYPICAL ALCOHOL ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS (I.E. PERMANGANATE)
Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAME.
Hazardous Decomposition Products:CARBON MONOXIDE FROM BURNING.

Disposal

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