

GLOBAL AMCHEM, INC. -- ISOPROPYL ALCOHOL -- 6810-00-543-7915

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Product Identification
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Product ID:ISOPROPYL ALCOHOL

MSDS Date:09/03/1986

FSC:6810

NIIN:00-543-7915

MSDS Number: CDZ FV

=== Responsible Party ===

Company Name:GLOBAL AMCHEM, INC.

Box:2221

City:LONGVIEW

State:TX

ZIP:75606

Country:US

Info Phone Num:903-236-0138/FAX 0139

Emergency Phone Num:903-236-0138

CAGE:056F3

=== Contractor

Identification ===

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 90- 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

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Hazards Identification
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LD50 LC50 Mixture:ORAL (LD50, RAT) 5

,045 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:TARGET ORGANS:EYES, SKIN, RESPIRATORY SYSTEM. ACUTE- HARMFUL IF INHALED/INGESTED. MAY CAUSE CNS DEPRESSION. MAY CAUSE EYE IRRITATION & DAMAGE. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING, IRRITATION & BURNING SENSATION. INGESTION MAY CAUSE GASTROINTESTINAL TRACT IRRITATION. CHRONIC- MAY CAUSE DERMATITIS.

Explanation

of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, NAUSEA, VOMITING, TEARING, DEFATTING OF SKIN, CRACKING, BURNING SENSATION, PAIN, DERMATITIS, UNCONSCIOUSNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF S

YMPTOMS PERSIST. INHALED:REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH PLENTY OF SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point

t:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE WATER FOG/SPRAY, CARBON DIOXIDE, "ALCOHOL" FOAM, OR DRY CHEMICAL. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BA

CK.

CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:DILUTE WITH WATER

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN A COOL & VENTILATED AREA AWAY FROM INCOMPATIBLES. AVOID EXCESSIVE HEAT. KEEP AWAY FROM SOURCES OF IGNITION.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER

EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR SUPPLIED AIR RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER, NEOPRENE FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE

AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-128F,-89C

Vapor Pres:33 @ 68F

Vapor Density:2.1

Spec Gravity:0.79

Evaporation Rate & Reference:2.83 (N-BUTYL ACETATE

=1)

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS LIQUID - RUBBING ALCOHOL ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ALUMINUM, SULFURIC ACID, NITRIC ACID, AMINES,
AMMONIA, HALOGEN, HALOGEN ACIDS, HALOGENATED CMPD

Stability Condition to Avoid:HIGH HEAT, SUNLIGHT, SPARKS, OPEN FLAMES
AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:

MAY EMIT CARBON MONOXIDE, CARBON
DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN AN APPROVED INCINERATOR/CONTRACT WITH
LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE,
TREATMENT/DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS
(WASTE CODE D001). WHEN EMPTY, THROU GHLY RINSE CONTAINER WITH
WATER BEFORE DISPOSAL.

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ormulated for use by elements of the Department
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