

CITY CHEMICAL CO -- ISOPROPYL ALCOHOL -- 6810-00-822-7637

===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL

MSDS Date:03/28/1994

FSC:6810

NIIN:00-822-7637

MSDS Number: BSYT

=== Responsible Party ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Info Phone Num:201-653-6900/800-CIT-CHEM

Emergency Phone Num:201-653-6900/800-424-93

00(CHEMTREC)

CAGE:8G980

=== Contractor Identification ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

Box:City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9293

===== Hazar

ds Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) 5,045 MG/KG (RTECS)

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

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

Health Hazards Acute and Chronic:ACUTE- MAY BE HARMFUL BY INGESTION, INHALATION/SKIN ABSORPTION. CAUSES SEVERE EYE IRRITATION. CAUSES SKIN & UPPER RESPIRATORY TRACT IRRITATION. PROLONGED/REPEATED SKIN CONTACT CAUSES DEFATTING & DERMA TITIS. CAN CAUSE CNS DEPRESSION, HEADACHE, NA

RCOTIC EFFECT. CHRONIC- DERMATITIS. TARGET ORGAN:NERVES, KIDNEYS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, SKIN DEFATTING, DERMATITIS

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

===== First Aid

Measures =====

First Aid:OBTAIN MEDICAL ATTENTION IF NEEDED. INGESTION:IF CONSCIOUS, WASH OUT MOUTH WITH WATER. CALL A PHYSICIAN. INHALATION:REMOVE FROM EXPOSURE. PROVIDE CPR/OXYGEN IF NEEDED. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYE LIDS OPEN. SKIN:WASH WITH SOAP AND LARGE AMOUNT OF WATER.

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

Flash Point:=11.7C, 53.F

Lower Limits:2.5

Upper Limits:12.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, "ALCOHOL" FOAM, OR

DRY CHEMICAL. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE DUE TO HEAT OF FIRE. VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANCE FROM HANDLING SITE; FLASH-FIRE CAN RESULT.

===== Accidental Release Measures

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

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Handling and Storage

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN FLAMMABLE LIQUID STORAGE ROOM/CABINET. AVOID EXCESSIVE HEAT. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN.

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Exposure Controls/Personal Protection

Respiratory Protection:IF LEVELS MAY OR DOES EXCEED THE RECOMMENDED HEALTH STANDARDS, WEAR A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.

FOR EMERGENCY USE, WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

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

Protective Gloves:NATURAL RUBBER, NEOPRENE

Eye Protection:SAFETY GLASSES/FACE SHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR

USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

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Physical/Chemical Properties

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-89.4C, -129.F

Vapor Pres:33 @ 68F

Vapor Density:2.1

Spec Gravity:0.785

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS, MOBILE LIQUID - MILD ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data

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Stability Indicator/Materials to Avoid: YES

OXIDIZING AGENTS, ACIDS, ACID ANHYDRIDES, HALOGENS, ALUMINUM  
Stability Condition to Avoid: HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER  
SOURCES OF IGNITION

Hazardous Decomposition Products: MAY EMIT CARBON MONOXIDE, CARBON  
DIOXIDE.

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

Waste Disposal Methods: BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN  
AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THI  
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MATERIAL IS HIGHLY FLAMMABLE. OBSERVE ALL LOCAL, STATE AND FEDERAL  
REGULATIONS.

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