

STARTEX CHEMICAL INC -- ISOPROPANOL 99% -- 6810-01-220-9907

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Product Identification
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Product ID:ISOPROPANOL 99%
MSDS Date:01/29/1996
FSC:6810
NIIN:01-220-9907
MSDS Number: BZPLH
=== Responsible Party ===
Company Name:STARTEX CHEMICAL INC
Address:5 HACKBERRY LANE
Box:3087
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-539-6244
Emergency Phone Num:409-539-6244/800-424-9300(C
HEMTREC)
CAGE:0YFV5
=== Contractor Identification ===
Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC
Address:2210 HACKBERRY LN
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-756-1065
CAGE:4N760
Company Name:STARTEX CHEMICAL INC
Address:5 HACKBERRY LANE
Box:3087
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-539-6244
CAGE:0YFV5

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Frac

tion by Wt: 99% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATING TO EYSE AND WILL INJURE EYE
TISSUE. FREQUENT OR PROLONGED SKIN CONTACT MAY IRRITATE AND CAUSE
DERMATITIS. INHALATION MAY IRRITATE THE RESPIRATORY TRACT, MAY
CAUSE DIZZINESS AND HEADACHES AN D MAY CAUSE CNS EFFECTS.
ASPIRATION HAZARD. MAY CAUSE BRONCHIOPNEUMONIA OR PULMONARY EDEMA.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:VAPORS ARE IRRITATING TO EYES, NOSE AND THROAT.

INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF
CONSCIOUSNESS, DIZZINESS, STAGGERING GAIT, CONFUSION, COMA.
PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN.
ASPIRATION OF LIQUID INTO LUNGS MAY CAUSE BRONCHIOPNEUMONIA OR
PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS,
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:=12.2C, 54.F
Lower Limits:2.00 %
Upper Limits:12.7 %
Extinguishing Media:

FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL,
WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:CAN RELEASE VAPORS THAT FORM FLAMMABLE
MIXTURES AT TEMPERATURES AT OR ABOVE FLASHPOINT. IF LEAK OR SPILL
HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS.

===== Accidental Release Measures =====
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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. PREVENT
ADDITIONAL DISCHARGE IF POSSIBLE. PREVENT LIQUID FROM ENTERING
WATERWAYS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE
COMBUSTIBLE MATERIAL SUCH AS SAWDUST.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WARNING! SUDDEN RELEASE OF HOT ORGANIC
CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT
ELEVATED TEMPERATURES MAY RESULT IN IGNITION.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.
DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE
SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER
SOURCES OF IGNITION. THEY MAY EXPLODE.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION
EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN
ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE
CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.

W

ork Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-88.9C, -128.F

Vapor Pres:96

Vapor Density:NOT GIVEN

Spec Gravity:> 1

Evaporation Rate & Reference:2.3 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance

and Odor:LIQUID, ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, STRONG OXIDIZING AGENTS AND
CHLORINATED COMPOUNDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING
SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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