

EXXON CHEMICAL CO. DIV OF EXXON CHEMICAL COMPANY -- IPA - ANHYDROUS - 99% --
6810-00-926-8993

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

Product ID:IPA - ANHYDROUS - 99%

MSDS Date:06/20/1998

FSC:6810

NIIN:00-926-8993

Kit Part:Y

MSDS Number: CGFNY

=== Responsible Party ===

Company Name:EXXON CHEMICAL CO. DIV OF EXXON CHEMICAL COMPANY

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-8

70-6000

Emergency Phone Num:713-870-6000

CAGE:4H542

=== Contractor Identification ===

Company Name:EXXON CHEMICAL CO USA SALES OFFICE

Address:1333 W LOOP S

Box:3272

City:HOUSTON

State:TX

ZIP:77253

Country:US

Phone:281-870-6000/6884

CAGE:4H542

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

> Wt:99.

Other REC Limits:NOT DETERMINED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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

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

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

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO

CENTRAL NERVOUS SYSTEM DEPRESSION

, LEADING TO HEADACHES AND

DIZZINESS. EYE: MAY LEAD TO IRRITATION AND WILL INJURE EYE TISSUE

IF NOT REMOVED PROMPTLY. SKIN: MAY LEAD TO DERMATITIS. INGESTION:

MAY LEAD TO VOMITING. CHRONIC: PROLONGED SKIN CONTACT MAY CAUSE

DERMATITIS.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING

ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, HEADACHES,

DERMATITIS AND EYE IRRITATION. HIGH VAPOR CONCENTRATIONS ARE

ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure:PERSONS WITH SKIN, HEART,

RESPIRATORY, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN

HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: IMMEDIATELY FLUSH WITH SOAP AND WATER. GET MEDICAL

ATTENTION IF NECESSARY. INHALATION: IMMEDIATELY REMOVE VICTIUM TO

FRESH AIR. GIVE CPR IF BREATHING IS STOPPED. GET MEDICAL

ATTENTION.

EYE: IMME DIATELY FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL

ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE

VOMITING. KEEP AT REST.

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

Flash Point Method:TCC

Flash Point:54.0F,12.2C

Autoignition Temp:Autoignition Temp Text:662 F

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE CARBON DIOXIDE, "ALCOHOL" FOAM, DRY CHEMICAL,

OR WATER FOG.

Fire Fighting Procedures:USE WATER S

PRAY TO COOL FIRE EXPOSED SURFACES

AND TO PROTECT PERSONNEL. SHUT OFF "FUEL" TO FIRE. IF A LEAK OR SPILL HAS NOT IGNITED, USE H2O TO DISPERSE VAPOR.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE. CANRELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPS AT OR ABOVE FLASHPOINT.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERI

AL. PLACE IN DISPOSAL CONTAINERS. MAJOR:

DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. FLUSH RESIDUE WITHWATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED WORK AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID; EMPTY CONTAINERS CAN CONTAIN LIQUID/VAPOR RESIDUE.

Othe

r Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXOPSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. EXPLOSION HAZARD. EMPTY DRUMS SHOULD BE C COMPLETELY DRAINED, BUNGED & DISPOSED OF.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND

MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:SAFETY SHOES, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

NONE

===== Physical/

Chemical Properties =====

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-89.C, -128.2F

Vapor Pres:173@100F

Vapor Density:>1.0 AIR=1

Spec Gravity:0.79

Evaporation Rate & Reference:2.5 (N-BUTYL ACETATE=1)

Solubility in Water:100% AT 68F

Appearance and Odor:CLEAR,COLORLESS LIQUID,ALCOHOL TYPE ODOR.

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALD

EHYDES,AMMONIA, STRONG OXIDIZING

AGENTS, AND CHLORINATED COMPOUNDS.

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NO SPECIFIC ECOLOGIC DATA ARE AVAILABLE FOR THIS PRODUCT.

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

Waste Disposal Methods:DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS. INC
INERATION IS RECOMMENDED.

===== MSDS Transport Information =====

Transport Information:DOT: ISOPROPANOL, HAZARD CLASS 3, UN1219, PACKING
GROUP II.

===== Regulatory Information =====

SARA Title III Information:UNDER THE PROVISION OF TITLE III, SECTION
311/312 OF THE SARA, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING
HAZARD CATEGORIES: IMMEDIATE HEALTH, DELAYED HEALTH, FIRE.

Federal Regulatory Information:THIS PRODUCT

IS LISTED ON THE TSCA
INVENTORY.

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