

EXXON CHEMICAL CO. DIV OF EXXON CHEMICAL AMERICAS -- IPA - ANHYDROUS --
6810-00-926-8993

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

Product ID:IPA - ANHYDROUS

MSDS Date:08/25/1988

FSC:6810

NIIN:00-926-8993

MSDS Number: BFWXQ

=== Responsible Party ===

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

Address:A DIV OF EXXON CORP.

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone N

um:713-870-6000

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 =====

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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

===== 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.

===== 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: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING. KEEP AT REST.

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

Flash Point Method:TCC

Flash Point:54.0F,12.2C

Autoignition Temp:Autoignition Temp Text:662F

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE ALCOHOL FOAM OR DRY CHEMICAL TO EXTINGUISH OR ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS.

Fire Fighting Pro

cedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. CONTAINERS MAY BURST WHEN EXPOSED TO FIRE.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. FLUSH RESIDUE WITH WATER.

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.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. EXPLOSION HAZARD. EMPTY DRUMS SHOULD BE 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 H

ealth
NONE

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt: