

EXXON CHEMICAL AMERICAS -- ISOPROPYL ALCOHOL, ANHYDROUS -- 6810-00-543-7915

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Product Identification
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Product ID:ISOPROPYL ALCOHOL, ANHYDROUS

MSDS Date:03/04/1999

FSC:6810

NIIN:00-543-7915

MSDS Number: BHBYS

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6885

Emergency Phone Num:713-870-6000

Resp.

Party Other MSDS Num.:90275000

Chemtrec Ind/Phone:(800)424-9300

CAGE:72190

=== Contractor Identification ===

Company Name:CHEMCENTRAL/ST LOUIS (314-739-6600)

Box:UNKNOW

CAGE:NO755

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

Contract Num:SP0450-00-M-D021

CAGE:4N760

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
Company Name:GLOBAL AMCHEM, INC.
Box:2221
City:LONGVIEW
State:TX
ZIP:75606

Country:US
Phone:903-236-0138/FAX 0139
CAGE:056F3
Company Name:PHIPPS PRODUCTS CORP
Address:186 LINCOLN ST SUITE 502
Box:City:BOSTON
State:MA
ZIP:02111-2403
Country:US
Phone:OUT OF BUSINESS
CAGE:86511

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: >99%
OSHA
PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9293

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) = 5840 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:WILL IRRITATE & INJURE EYE TISSUE IF
NOT REMOVED PROMPTLY. FREQUENT OR PROLONGED SKIN CONTACT MAY CAUSE
IRRITATION & DERMATITIS. INHALATION OF VAPOR MAY CAUSE IRRITATION
TO TH
E RESPIRATORY TRACT. MINI MAL TOXICITY IS EXPECTED FROM
INGESTION.ASPIRATED LIQUID DURING INGESTION MAY CAUSE
BRONCHIOPNEUMONIA/PULMONARY EDEMA.
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:EYE: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES
WHILE LIFTING EYELIDS. GET MEDICAL ATTENTION. SKIN: REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: DO NOT
INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET
MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:=-12.2C, 54.F
Autoignition Temp:>350.C, 662.F
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:USE ALCOHOL TYPE FOAM OR DRY CHEMICAL.
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES
AND TO PROTECT PERSONNEL. SHUT OFF FUEL TO
FIRE. IF LEAK/SPILL HAS
NOT IGNITED, USE WATER SPRAY TO DISPEL VAPORS.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT
FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT.
"EMPTY" CONTAINERS CAN CONTAIN DANGEROUS RESIDUE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA.
VENTILATE ENCLOSED AREAS. PREVENT ADDITIONAL DISCHARGE OF MATERIAL
IF SAFE TO
DO SO. DIKE TO RETAIN MATERIAL. KEEP OUT OF SEWERS, ETC.
RECOVER BY PUMPING OR WITH AN INERT ABSORBENT. NOTIFY AUTHORITIES.
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; APPLY
SAFETY PRECAUTIONS TO EMPTY & FULL CONTAINERS.
Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLD

ER, DRILL,

GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. COMPLETELY DRAIN & SEAL EMPTY DRUMS.

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

Respiratory Protection: WHERE CONCENTRATIONS IN AIR MAY EXCEED THE TLV/PEL & ENGINEERING, WORK PRACTICE OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY

TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation: THE USE OF EXPLOSION PROOF MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHENEVER PRODUCT IS USED IN A CONFINED SPACE.

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: LONG SLEEVES, RUBBER APRON, BOOTS, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

IF THIS PRODUCT IS ACCIDENTALLY SPILLED, IT IS NOT SUBJECT TO ANY SPECIAL REPORTING UNDER THE REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA). RECOMMEND YOU CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS.

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

HCC:F2

Boiling Pt: =82.2C, 180.F

Melt/Freeze Pt: =-88.7C, -128

.F

Vapor Pres: 36 @ 77F

Vapor Density: > AIR

Spec Gravity: 0.79

Viscosity: 2.2 CST @ 68F

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

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID - ODOR OF RUBBING ALCOHOL.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

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

Stability C

Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS. MATERIAL MAY BE INCINERATED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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

Transport Information:DOT SHIPPING DESCRIPTION: ISOPROPANOL, CLASS 3, UN 1219, PKG II.

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

SARA Title III Information:UNDER SECTIONS 311/312 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES: IMMEDIATE HEALTH, DELAYED HEALTH, FIRE. THIS INFORMATION MAY BE SUBJECT TO THE PROVISIONS OF THE COMMUNITY RIGHT-TO-KNOW REPORTING REQUIREMENTS (40 CFR 370) IF THRESHOLD QUANTITY CRITERIA ARE MET.

Federal Regulatory Information:THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AT CAS REGISTRY NUMBER 67-63-0. IF THIS PRODUCT IS ACCIDENTALLY SPILLED, IT IS NOT SUBJECT TO ANY SPECIAL REPORTING UNDER THE REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA). MANUFACTURER RECOMMENDS CONTACTING LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS.

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