

EXXON CHEMICAL CO. DIV OF EXXON CHEMICAL COMPANY -- ISOPROPYL ALCOHOL,  
ANHYDROUS -- 6810-00-855-1158

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

Product ID:ISOPROPYL ALCOHOL, ANHYDROUS

MSDS Date:03/04/1999

FSC:6810

NIIN:00-855-1158

MSDS Number: BFSWK

=== 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:71

3-870-6000

Emergency Phone Num:713-870-6000

CAGE:4H542

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

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:E-BESAN

Address:117 FOCIS, SUITE 214

Box:9237

City:METAIRIE

State:LA

ZIP:70055

Country:US

Phone:5

04-908-1222  
Contract Num:SPO450-99-M-ND93  
CAGE:1EAB6  
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

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Composition/Information on Ingredients  
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Ingred Name:ISOPROPYL ALCOHOL (S  
ARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 100%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

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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: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 EF  
FECTS.

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:=11.7C, 53.F

Autoignition Temp:=350.C, 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 SPRAY TO COOL FIRE EXPOSED SURFACES  
AND TO PROTECT PERSONNEL. SHUT  
OFF "FUEL" TO FIRE. IF A LEAK OR  
SPILL HAS NOT IGNITIED, 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.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,  
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR:  
DIKE & CONTAIN SPILL. EL

IMINATE SOURCES OF IGNITION. SHUT OFF  
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. FLUSH RESIDUE  
WITHWATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== 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 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.

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===== 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 NE  
AR 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 SPECIFIED BY MANUFACTURER.

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

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CC:F2

Boiling Pt:=82.2C, 180.F

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

Vapor Pres:96

Vapor Density:NOT GIVEN

Spec Gravity:0.79

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

Solubility in Water:COMPLETE

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

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES,AMMONIA, STRONG OXIDIZING  
AGENTS, AND CHL

ORINATED COMPOUNDS.

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

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Transport Information:DOT SHIPPING NAME: ISOPROPANOL, UN 1219.

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

Federal Regulatory Information:THIS PRODUCT IS LISTED ON THE TSCA  
INVENTORY.

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