

EXXONMOBIL CHEMICAL COMPANY -- IPA ANHYDROUS -- 6810-01-382-2904

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Product Identification  
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Product ID:IPA ANHYDROUS

MSDS Date:04/01/2000

FSC:6810

NIIN:01-382-2904

Status Code:A

MSDS Number: CKJQK

=== Responsible Party ===

Company Name:EXXONMOBIL CHEMICAL COMPANY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Info Phone Num:800726-2015

Emergency Phone Num:800-424-9300

Resp. Part

y Other MSDS Num.:9027500000

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO602

=== Contractor Identification ===

Company Name:EXXONMOBIL CHEMICAL COMPANY A DIVISION OF EXXON MOBIL  
CORP.

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:800-726-2015

CAGE:TO602

Company Name:TELECHEM INTERNATIONAL, INC

Address:524 E WEDDELL DRIVE SUITE 3

Box:City:SUNNYVALE

State:CA

ZIP:94089-2115

Country:US

Phone:916-941-3688

Contract Num:SP0450-00MSA40

CAGE:1KH20

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Composition/Information  
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on Ingredients =====

Ingred Name:2-PROPANOL

CAS:67-63-0

RTECS #:NT8050000

= Wt:100.

OSHA PEL:980 MG/M3;400 PPM

ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PPM

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Health Hazards Acute and Chronic:EYE CONTACT: IRRITATING, AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND CAUSE DERMATITIS.

IS. LOW ORDER

OF TOXICITY. INHALATION: VAPOR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.NEGLIGIBLE HAZARD AT AMBIENT TEMPERATURE (-18 TO 38 DEG C; 0 TO 100 DEG F) INGESTION: MINIMAL TOXICITY.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:EYE CONTACT: IRRITATING, AND WILL INJURE EYE

TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND CAUSE DERMATITIS. LOW ORDER OF TOXICITY. INHALATION: VAPOR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.NEGLIGIBLE HAZARD AT AMBIENT TEMPERATURE (-18 TO 38 DEG C; 0 TO 100 DEG F) INGESTION:

MINIMAL TOXICITY.

Medical Cond Aggravated by Exposure:SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF

AVAILABLE. REMOVE CONTAMINATED CLOTHING, INCLUDING SHOES, AFTER FLUSHING HAS BEGUN. INHALATION: USING PROPER RESPIRATORY PROTECTION, IMMEDIATELY REMOVE THE AFFECTED VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point M

Method: TCC

Flash Point: =11.7C, 53.F

Autoignition Temp: >350.C, 662.F

Lower Limits: 2.0

Upper Limits: 12.7

Extinguishing Media: USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. SHUT OFF FUEL TO FIRE. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Fire Fighting Procedures: EITHER ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH ALCOHOL TYPE FOAM AND DRY CHEMICAL. TRY TO COVER LIQUID SPILLS WITH FOAM.

Unusual Fire/Explosion

Hazard: FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC DISCHARGE.

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

Spill Release Procedures: LAND SPILL-ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL

DISCHARGE OF MATERIAL IF POSSIBLE TO DO SO WITHOUT HAZARD.

FOR SMALL SPILLS IMPLEMENT CLEANUP PROCEDURES; FOR LARGE SPILLS IMPLEMENT CLEANUP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. IF THIS PRODUCT IS SUBJECT TO CERCLA REPORTING NOTIFY THE NATIONAL RESPONSE CENTER.

Neutralizing Agent: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions: KEEP CONTAINER

R CLOSED. HANDLE AND OPEN

CONTAINERS WITH CARE. STORE IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OF IGNITION. PROTECT MATERIAL FROM DIRECT SUNLIGHT.

Other Precautions: THIS MATERIAL IS NOT A STATIC ACCUMULATOR, BUT USE PROPER BONDING AND/OR GROUNDING PROCEDURES. DO NOT PRESSURIZE, CUT, HEAT OR WELD CONTAINERS. EMPTY PRODUCT CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR RECONDITIONING.

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

Respiratory Protection: WHERE CONCENTRATIONS IN AIR MAY EXCEED THE LIMITS GIVEN IN THIS SECTION AND 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 MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHEN

NEVER THIS PRODUCT IS USED IN A CONFINED SPACE, IS HEATED ABOVE AMBIENT TEMPERATURES,

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: WHERE CONTACT IS LIKELY WEAR LONG SLEEVES,

Work Hygienic Practices: NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC: F2

Boiling Pt: =82.2C,  
180.F

B.P. Text: 180-181

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

Vapor Pres: 36 @ 77F

Vapor Density: >1

Spec Gravity: 0.79

Viscosity: 2.2 CST @ 68F

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

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID.

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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 Condition to Av

oid:NOT APPLICABLE.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:PLEASE REFER TO ACUTE/CHRONIC HEALTH SECTION FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH HAZARDS.

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

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SPILL SECTION FOR INFORMATION REGARDIING ACCIDENTAL RELEASES AND SARA/FEDERAL REGULATION SECTION FOR REGULATORY REPORTING IN FORMTION.

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

Waste Disposal Methods:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Transport Information:DOT SHIPPING DESCRIPTION: ISOPROPANOL, 3, UN1219, II.

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

SARA Title III Information:UNDER THE PROVISIONS OF TITLE III, SECTIONS 311/312 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATAGORIES: IMMEDIATE HEALTH, DELAYED HEAL TH, 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:CERCLA: IF THIS PRODUCT IS ACCIDENTLY SPILLED, IT IS NOT SUBJECT TO ANY SPECIAL RE PORTING UNDER THE REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA). WE RECOMMEND YOU CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS. TSCA: THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AT CAS REGISTRY NUMBER 67-63-0.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

Disclaimer (provided with this

information by the compiling agencies):

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