

EXXON CHEMICAL AMERICAS/A DIV OF EXXON CORP -- IPA-ANHYDROUS -- 6810-01-220-9907
===== Product Identification =====

Product ID:IPA-ANHYDROUS

MSDS Date:04/01/2000

FSC:6810

NIIN:01-220-9907

Status Code:A

MSDS Number: CLJWJ

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS/A DIV OF EXXON CORP

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Info Phone Num:

713-870-6000713-584-7600

Emergency Phone Num:800.726.2015

Resp. Party Other MSDS Num.:90275000

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:72190

=== Contractor Identification ===

Company Name:EVERKLEEN ENTERPRISES

Address:2125 S. HELLMAN AVE. SUITE G

Box:City:ONTARIO

State:CA

ZIP:91761

Country:US

Phone:909-947-6068

Contract Num:SP0450-01-M-ZF22

CAGE:1M5U5

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

Contract Num:SPO450-00-Q-B077

CAGE:72190

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Composition/Information on Ingredients
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Ingred Name:THIS PRODUCT IS HAZARDOUS AS DEFINED IN 29 CFR1910.1200.

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

Health Hazards Acute and Chronic:EYE: IRRITATING AND WILL INJURE EYE
TISSUE IF NOT REMOVED PROMPTLY. SKIN: FREQUENT OR PROLONGED
C

CONTACT MAY IRRITATE AND CAUSE DERMATITIS. 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. NEGLIGLE HAZARD AT AMBIENT TEMPERATU RES (-18 TO 38 DEG
C; 0 TO 100 DEF F). INGESTION: SMALL AMOUNTS OF THE LIQUID
ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM
VOMITING, MAY CAUSE BRONCH
IOPNEUMONIA OR PULMONARY EDEMA.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION,
DERMATITIS. INHALATION: IRRITATION, HEADACHES, DIZZINESS.
INGESTION: VOMITING.

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

CONTA MINATED 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
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Flash Point Method:TCC

FI

Flash Point: 11.7C, 53.F

Autoignition Temp: >350.C, 662.F

Lower Limits: 2.0

Upper Limits: 12.7 @ 77 DEG F

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

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 IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard:

FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE FLASH POINT.

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

Spill Release Procedures: WATER-ELIMINATE SOURCES OF IGNITION. WARN OCCUPANTS & SHIPPING IN SURROUNDING & DOWNWIND AREAS OF FIRE & EXPLOSION HAZARD & REQUEST ALL TO STAY CLEAR. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL & ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS. "SEE OTHER INFORMATION"

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

Handling and Storage Precautions: KEEP CONTAINER 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 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.

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

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

EREXPOSURE BY
INHALATION.

Ventilation:USE OF MECHANICAL DILUTION VENTILATION IS RECOMMENDED FOR
CONFINED SPACES, OR PRODUCT HEATED OR AGITATED. USE EXPLOSION-PROOF
MECHANICAL VENTILATION EQUIPMENT.

Protective Gloves:WHERE CONTACT IS LIKELY, WEAR CHEMICAL RESISTANT
GLOVES.

Eye Protection:WHERE CONTACT MAY OCCUR, WEAR SAFETY GLASSES WITH SIDE
SHIELDS/CHEMICAL GOGGLES

Other Protective Equipment:FOR OPEN SYSTEMS WHERE CONTACT IS LIKELY,
WEAR LONG SLEEVES.

Supplemental Safety
and Health

NPCA-HIMS: HEALTH=2, FLAMMABILITY=3, REACTIVITY=0. NFPA 704: HEALTH-1,
FLAMMABILITY-3, REACTIVITY-0. KEY: 4-SEVERE, 3-SERIOUS, 2-MODERATE,
1-SLIGHT, 0-MINIMAL. ABBREVIATION: N/A = NOT APPLICABLE. N/AV =
NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT
RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:180 F TO 181 F

Melt/Fre

eze Pt:=-88.7C, -128.F

Decomp Temp:Decomp Text:NA

Vapor Pres:36 MMHG @ 77 F

Vapor Density:> AIR

Spec Gravity:0.79 @ 68 F

Viscosity:2.2 CST @ 68 F

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

Solubility in Water:100.00 AT 68 F

Appearance and Odor:CLEAR , COLORLESS LIQUID.

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, STRO

NG OXIDIZING AGENTS,
AND CHLORINATED COMPOUNDS.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:NONE.

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

Toxicological Information:REFER TO HEALTH HAZARD SECTION FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH EFFECTS.

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

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

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

Waste Disposal Methods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

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

Transport Information:DOT SHIPPING DESCRIPTION: ISOPROPANOL, CLASS 3, UN1219, PG 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:CERCLA-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. TSCA -THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AS CAS REGISTRY NUMBER 67-63-0.

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

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