View NSN Online: https://aerobasegroup.com/nsn/6810-00-855-6160

EXXON CHEMICAL AMERICAS/A DIV -- IPA-ANHYDROUS

MSDS Safety Information

_____ FSC: 6810 NIIN: 00-855-6160 MSDS Date: 03/28/1998 MSDS Num: CJJFL Product ID: IPA-ANHYDROUS MFN: 02 **Responsible Party** Cage: 72190 Name: EXXON CHEMICAL AMERICAS/A DIV OF EXXON CORP Address: 13501 KATY FWY Box: 3272 City : HOUSTON TX 77253-3272 Info Phone Number: 713-870-6000 Emergency Phone Number: EXXON:800-726-2015 /800-424-9300 Resp. Party Other MSDS No.: 90275000 Chemtrec IND/Phone: (800)424-9300 Proprietary Ind: Y Review Ind: Y Published: Y _______ Contractor Summary _____ Cage: 4N760 Name: CHEMICAL SPECIALISTS AND DEVELOPMENT INC Address: 2210 HACKBERRY LN Box: 687 City: CONROE TX 77305 Phone: 409-756-1065 С ontract Number: SP0450-99-M-C872 Cage: 4N760 Name: CHEMICAL SPECIALISTS AND DEVELOPMENT INC Address: 2210 HACKBERRY LN Box: 687 City: CONROE TX 77305 Phone: 409-756-1065 Contract Number: SP0450-99-M-ND01 Cage: 72190 Name: EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP. Address: 13501 KATY FWY Box: 3272 City: HOUSTON TX 77253-3272 Phone: 281-870-6000 / 800-726-2015 _____

Item Description Information

======= Item Manager: S9G Item Name: ISOPROPYL ALCOHOL, TECHNICAL Specification Number: TT-I-735 Type/Grade/Class: B GRADE Unit of Issue: CN Quantitative Expression: 0000000005GL UI Container Qty: 1 Type of Container: 1A1 24/26GAGE _____ Ingredients ______ Name: *** PROPRIETARY *** -----_____ Health Hazards Data ======= _____ LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER. Route Of Entry Inds - Inhalation: YES Skin: YES Ingestion: NO Effects of Exposure: EYE CONTACT: IRRITATING & amp; WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: FREQUENT OR PROLONGED CONTACT MAY IRRITATE & amp; CAUSE DERMATITIS. LOW ORDER OF TOXICITY. INHALATION: VAPOR CONCENTR ATIONS ABOVE RECOMMENDED EXPOSURE LEVELSARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAU SE HEADACHES AND DIZZINESS, ARE ANESTHETIC &: MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. NEGLIGI BLE HAZARD AT AMBIENT TEMPERATURE (-18-38C/0-100F). INGESTED-MINIMAL TOXICITY. SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR FROM VOMITING MAY CAUSE BRONCHIOPNE UMONIA OR PULMONARY EDEMA. Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER. Signs And Symptions Of Overexposure: EYES-IRRITATION. SKIN-IRRITATION. INHALED-IRRITATION OF R ESPIRATORY TRACT, CNS EFFECTS (HEADACHES, DIZZINESS, ANSTHETIC). Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid: EYES-IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER ; USE SOAP IF AVAILABLE. REMOVE CONTAMINATED CLOTHI NG, INCLUDING SHOES, AFTER FLUSHING HASBEGUN. INHALED-USING PROPER RESPIRATORY PROTECTION, IMMEDIATELY REMOVE VICTIM FROM EXPOSURE. ADMINISTER A

RTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT R EST. CALL FOR PROMPT MEDICQAL ATTENTION. INGESTED-IF SWALLOWED. DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. STOP LEAK/SPILL, IF SAFE TO DO SO. IF LARGE SPILL, ISOLATE & amp; DENY ENTRY. PREVENT LIQUID FROM ENTERING SEWER

S, WATERCOURSES OR LOW AREAS. CONTAIN WITH SAND OR EARTH; DO NO T USE COMBUSTIBLES SUCH AS SAWDUST. RECOVER BY PUMPING (EXPLOSION-PROOF OR HAND) OR WITH SUITABLE ABSORBENT. CONSULT AN EXPERT ON DISPOSAL & amp; ENSURE CONFORMITY WITH DISPOSAL REGULATIONS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CONSULT AN EXPERT ON DISPOSAL AND ENSURE CONFORMITY TO LOCAL, STATE & amp; FEDERAL DISPSOAL REGULATIONS.

Handling And Storage Precautions: KEEP CONTAINER CLOSED. H

ANDLE & amp; OPEN

CONTAINERS WITH CARE. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCE S OF IGNITION. PROTECT MATERIAL FROM DIRECT SUNLIGHT. USE PROPER BONDING & amp; GROUNDING PROCEDURES.

Other Precautions: 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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Fire and Explosion Hazard Information

Flash Point Method: TCC Flash Point: =11.7C, 53.F Autoignition Temp: >350.C, 662.F Lower Limits: 2.0 Upper Limits: 12.7 Extinguishing Media: EITHER ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUSH WITH ALCOHOL TYPE FOAM AND DRY CHEMICAL. Fire Fighting Procedures: USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO

PROTECT PERSONNEL. S

HUT OFF "FUEL" TO FIRE. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. TRY TO COVER LIQUID SPILLS WITH FOAM. Unusual Fire/Explosion Hazard: EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, 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. _____ _____ Control Measures ______ 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 NEC ESSARY TO PREVENT OVEREXPOSURE BUY INHALATION. Ventilation: THE USE OF MECHANICAL DILUTION ENTILATION IS RECOMMENDED WHENEVER THIS PRODUCT IS USED IN A CONFINED SPACE, IS HEATED ABOVE AMBIENT TEMPERATURES OR IS AGITATED. Protective Gloves: CHEMICAL RESISTANT Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES WITH SIDE SHIELDS. Other Protective Equipment: FOR OPEN SYSTEMS WHERE CONTACT IS LIKELY, WEAR LONG SLEEVES. Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER Supplemental Safety and Health: USE EXPLOSION-PROOF VENTILATION EQUIPMENT. Physical/Chemical Properties _____ _____ HCC: F2 Boiling Point: >82.2C, 180.F Melt/Freeze Pt: =-88.9C, -128.F Vapor Pres: MMHG 36 AT 212F Spec Gravity: 0.79 AT 68F Viscosity: CST 2.2 AT 68F Evaporation Rate & amp; Reference: 2.3(N-BU ACETATE=1) Solubility in Water: 100.00 AT 68F Appearance and Odor: CLEAR COLORLESS LIQUID _____ **Reactivity Data**

Stability Indicator: YES Stability Condition To Avoid: MODER Toxicological Infor

mation: SEE HEALTH EFFECTS SECTION.

Ecological Information

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

MSDS Transport Information

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

Regulatory Information

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

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eral Regulatory Information: TSCA: THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AT CAS REGISTRY NUMBER: 67-63-0.

CERCLA: IF THIS PRODUCT IS ACCIDENTLY SPILELD, IT IS NOT SUBJECT TO ANY SPECIAL REPORTING UNDER THE REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA). MANUFACTURER RECOMMENDS YOU CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE ANY LOCAL REPORTING REQUIREMENTS.

State Regulatory Information: NONE SPECIFIED BY MANUFACTURER.

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Other Information

_____ Other Information: NPCA-: HEALTH-2; FLAMMABILITY-3; REACTIVITY-1; NFPA 704: HEALTH-1, FLAMMABILITY-3, REACTIVITY-1. KEY: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=MINIMAL. _____ Transportation Information _____ Responsible Party Cage: 72190 Trans ID NO: 146462 Pro duct ID: IPA-ANHYDROUS MSDS Prepared Date: 03/28/1998 Review Date: 07/22/1999 **MFN: 2** Net Unit Weight: 37.8 LB Multiple KIT Number: 0 Unit Of Issue: CN Container QTY: 1 Type Of Container: 1A1 24/26GAGE _____ **Detail DOT Information** _____ DOT PSN Code: HWY DOT Proper Shipping Name: ISOPROPANOL OR ISOPROPYL ALCOHOL Hazard Class: 3 UN ID Num: UN1219 DOT Packaging Group: II Label: FLAMMABLE LIQUID Spec ial Provision: T1 Packaging Exception: 150 Non Bulk Pack: 202 Bulk Pack: 242 Max Qty Pass: 5 L Max Qty Cargo: 60 L Vessel Stow Req: B Detail IMO Information _____ IMO PSN Code: ITA IMO Proper Shipping Name: ISOPROPANOL IMDG Page Number: 3244 UN Number: 1219 UN Hazard Class: 3.2 IMO Packaging Group: II Subsidiary Risk Label: -EMS Number: 3-06 MED First Aid Guide NUM: 305

Detail IATA Information _____ IATA PSN Code: ONH IATA UN ID Num: 1219 IATA Proper Shipping Name: ISOPROPANOL IATA UN Class: 3 IATA Label: FLAMMABLE LIQUID UN Packing Group: II Packing Note Passenger: 305 Max Quant Pass: 5L Max Quant Cargo: 60L Packaging Note Cargo: 307 _____ **Detail AFI Information** _____ AFI PS N Code: ONH AFI Proper Shipping Name: ISOPROPANOL AFI Hazard Class: 3 AFI UN ID NUM: UN1219 AFI Packing Group: II **Special Provisions: P5** Back Pack Reference: A7.3 _____ HAZCOM Label _______ Product ID: IPA-ANHYDROUS Cage: 72190 Company Name: EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP. Street: 13501 KATY FWY PO Box: 3272 **City: HOUSTON TX** Zipcode: 77253-3272 Health Emergency Phone: EXXON:800-726-2015 /800-424-9300 Label Required IND: Y Date Of Label Review: 09/21/1999 Status Code: A Year Procured: 1999 Origination Code: F Eye Protection IND: YES Skin Protection IND: YES Signal Word: WARNING **Respiratory Protection IND: YES** Health Hazard: Slight Contact Hazard: Slight Fire Hazard: Moderate Reactivity Hazard: None Hazard And Precautions: TARGET ORGANS: CNS, RESPIRATORY TRACT, SKIN, EYES.EYE CONTACT: IRRITATING & amp; WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: FREQUENT

OR PROLONGED CONTACT MAY IRRITATE & amp; CAUSE DERMATITIS. INHALATION: VAPOR CONCENTRATIONS ABOVERECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC & amp; MAY HAVE OTHER CENTRAL NERV OUS SYSTEM EFFECTS. NEGLIGIBLE HAZARD AT AMBIENT TEMPERATURE (-18-38C/0-100F).INGESTED- SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR FROM VOMITING MAY CAUSE BR ONCHIOPNEUMONIA OR PU

LMONARY EDEMA.

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