

PADDOCK LABORATORIES INC -- ISOPROPYL ALCOHOL 70% -- 6505-00-655-8366

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

Product ID:ISOPROPYL ALCOHOL 70%

MSDS Date:11/30/1992

FSC:6505

NIIN:00-655-8366

MSDS Number: CDRVC

==== Responsible Party ====

Company Name:PADDOCK LABORATORIES INC

Address:3940 QUEBEC AVENUE NORTH

City:MINNEAPOLIS

State:MN

ZIP:55427-5000

Country:US

Info Phone Num:612-546-4676/800-328-5113

Emerge

ency Phone Num:800-328-5113/612-546-4676

Preparer's Name:PATRICK L JOHNSON

CAGE:55763

==== Contractor Identification ====

Company Name:PADDOCK LABORATORIES, INC.

Address:3940 QUEBEC AVE N

Box:City:MINNEAPOLIS

State:MN

ZIP:55427

Country:US

Phone:612-546-4676;800-328-5113

CAGE:55763

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL CARBINOL (IARC CANCER REVIEW GROUP 3) *96-4*

CAS:67-63-0

RTECS #:NT8050000

Fra

ction by Wt: 70%

Other REC Limits:400 PPM

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 30%

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

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:INHALATION: RESPIRATORY TRACT

IRRITATION & ANESTHESIA. EYES: SLIGHT TO SEVERE IRRITATION &

TISSUE

DAMAGE. SKIN: IRRITATION. INGESTION: TOXIC. GI TRACT IRRITATION & ANESTHESIA. INGESTION OF 100 ML HAS BEEN FATAL. MAY BE ABSORBED. MAY CAUSE RENAL DYSFUNCTION/FAILURE, DAMAGE TO RESPIRATORY TRACT TISSUES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, MENTAL DEPRESSION, NAUSEA, VOMITING, NARCOSIS, COMA.

Medical Cond Aggravated by Exposure:IMPAIRED LUNG FUNCTION, ASTHMA-LIKE CONDITIONS, EXISTING SKIN DISORDERS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: FLUSH MOUTH OUT W/WATER. DON'T LEAVE UNATTENDED. OBTAIN MEDICAL ATTENTION IN ALL CASES. OTHER PRECAUTIONS TO CONSIDER: PERSONS DEVELOPING HYPERSENSITIVITY (ANAPHYLACTIC) REACTIONS MUST RECEIVE IMMEDIATE MEDICAL ATTENTION.

===== Fire

Fighting Measures =====

Flash Point Method:TOC

Flash Point:70.5F

Lower Limits:2

Upper Limits:12

Extinguishing Media:CO2, CHEMICAL FOAM, DRY CHEMICAL.

Fire Fighting Procedures:EVACUATE AREA. DON'T ENTER CONFINED FIRE SPACE W/OUT HELMET W/FACE SHIELD, BUNKER COAT, GLOVES, BOOTS & NIOSH APPROVED POSITIVE PRESSURE SCBA. (SEE SUPP)

Unusual Fire/Explosion Hazard:MATERIAL IS FLAMMABLE & MAY BE IGNITED BY HEAT, SPARK, FLAME/STATIC DISCHARGE. CONTAINERS MAY RUPTURE DUE TO EXPOSURE TO INTENSE HEAT FROM FIRE.

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

Spill Release Procedures:REMOVE IGNITION SOURCES & VENTILATE SITE. WEAR ALL PROTECTIVE GEAR, INCLUDING RESPIRATOR, GOGGLES, GLOVES, BOOTS, ETC. MOP UP W/AN ABSORBENT MATERIAL & PLACE IN A TIGHT CONTAINER. WASH SITE & REMOVE CONTAMINATED ABSORBENT MATERIALS.

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

Handling and Storage Precautions:DON'T STORE/HANDLE

IN ALUMINUM

CONTAINERS AT TEMPS >120F. AVOID EXPOSURE TO HEAT, SPARKS, FLAME & CONTACT W/OXIDIZING AGENTS.

Other Precautions: AVOID CONTACT W/EYES, SKIN/CLOTHING & AVOID BREATHING VAPORS. DON'T EAT, DRINK/SMOKE NEAR THIS MATERIAL. AVOID WEARING CONTACT LENSES WHEN WORKING W/THIS/ANY CHEMICAL DUE TO POSSIBILITY OF INCREASED SERIOUSITY OF EYE DAMAGE.

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

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: LOCAL EXPLOSION-PROOF EXHAUST.

Protective Gloves: CHEMICAL RESISTANT.

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: APPROPRIATE LABORATORY APPAREL.

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPECIAL FIRE: USE WATERSPRAY TO MINIMIZE VAPORS & COOL FIRE EXPOSED CONTAINERS. USE CAUTION TO AVOID SPREADING BURNING LIQUID.

INCOMPATIBLES: CONTAMINATES.

===== Ph

ysical/Chemical Properties =====

Boiling Pt: B.P. Text: 176F

Vapor Density: 1.6

Spec Gravity: 0.872-0.883

Evaporation Rate & Reference: (BU AC = 1): 1.7

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS, VOLATILE, FLAMMABLE LIQUID W/CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid: YES

ANHYDRIDE, ISOCYANATE, ACETYLALDEHYDE, CHLORINE, ETHYLENE OXIDE, HYDROGEN PEROXIDE, ALUMINUM & O

ORGANOMETALLIC (SEE SUPP)

Stability Condition to Avoid: HEAT, SPARK, FLAME, STATIC DISCHARGE & OTHER IGNITION SOURCES.

Hazardous Decomposition Products: WHEN HEATED TO DECOMPOSITION: TOXIC CO & CO₂ FUMES AMONG OTHER ORGANIC COMPOUNDS.

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

Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. FLAMMABLE LIQUID UN1219.

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