

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
Emergency 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
Fraction 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
UNATTENDE D. 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 C ONTAMINATED 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 S EVERITY 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

RGANOMETALLIC (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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