

VI-JON LABORATORIES, INC. -- ISOPROPYL RUBBING ALCOHOL -- 6810-00-655-8366

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Product Identification  
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Product ID:ISOPROPYL RUBBING ALCOHOL

MSDS Date:03/29/1991

FSC:6810

NIIN:00-655-8366

MSDS Number: BNQBX

=== Responsible Party ===

Company Name:VI-JON LABORATORIES, INC.

Address:6300 ETZEL AVENUE

City:ST LOUIS

State:MO

ZIP:63133

Country:US

Info Phone Num:314-721-2990

Emergency Phone Num:303

-623-5716

Preparer's Name:E. A. BICKLEY

CAGE:9E444

=== Contractor Identification ===

Company Name:VI-JON LABORATORIES, INC.

Address:6300 ETZEL AVENUE

Box:City:ST LOUIS

State:MO

ZIP:63133

Country:US

Phone:303-623-5716

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Composition/Information on Ingredients  
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 70%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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== Hazards Identification ==

LD50 LC50 Mixture:ORAL LD50 (RAT) = 5840 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, LEADING TO HEADACHES AND DIZZINESS. EYE: MAY LEAD TO IRRITATION AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN: MAY LEAD TO DERMATITIS. INGESTION: MAY LEAD TO VOMITING.

CHRONIC: PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, HEADACHES, DERMATITIS AND EYE IRRITATION. HIGH VAPOR CONCENTRATIONS ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS, SUCH AS LIGHTHEADEDNESS, HEADACHE AND DIZZINESS.

Medical Cond Aggravated by Exposure:PERSONS WITH SKIN, HEART, RESPIRATOR

Y, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: IMMEDIATELY FLUSH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF NECESSARY. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE CPR IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING. KEEP AT REST.

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

Flash Point Method:TCC

Flash Point:77.0F,25.0C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE FOAM, OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY

PRODUCE

HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS HEAVIER THAN AIR, CAN TRAVEL ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures:VENTILATE. ELIMINATE IGNITION SOURCES. ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER.

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

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED WORK AREA.

KEEP CONTAINERS CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID. DO NOT STORE ABOVE 120F.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. EXPLOSION HAZARD.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES IF TLV IS EXCEEDED.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:SAFETY SHOES, EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK O

R SMOKE IN WORK

AREA.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:190F,88C

Vapor Pres:25

Vapor Density:1.6

Spec Gravity:0.88

Evaporation Rate & Reference:>1 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materia

Is to Avoid: YES

STRONG OXIDIZING AGENTS, REACTIVE ALKALI METALS.

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION. ALSO AVOID VAPOR ACCUMULATION.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods: DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

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