

ANDERSON LABORATORIES, INC. -- ISO-PROPYL ALCOHOL, ACS -- 6810-00-227-0410

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Product Identification
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Product ID:ISO-PROPYL ALCOHOL, ACS

MSDS Date:08/05/1987

FSC:6810

NIIN:00-227-0410

MSDS Number: BNTCG

=== Responsible Party ===

Company Name:ANDERSON LABORATORIES, INC.

Address:5901 FITZHUGH AVENUE

City:FORT WORTH

State:TX

ZIP:76119

Country:US

Info Phone Num:817-457-4474

Emergency Phone Nu

m:817-457-4474

CAGE:0E6V4

=== Contractor Identification ===

Company Name:ANDERSON LABORATORIES INC

Address:5901 FITZHUGH ST

Box:City:FORT WORTH

State:TX

ZIP:76119

Country:US

Phone:817-457-4474

CAGE:0E6V4

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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: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identific

ation =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 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 CAN CAUSE MILD IRRITATION TO THE NOSE & THROAT. EYE CONTACT WILL CAUSE IRRITATION & BURNING SENSATIONS, WITH POSSIBLE EYE DAMAGE. SKIN CONTACT WILL CAUSE A STINGING AND BURNING SENSATION WITH DEFATTING AND POSSIBLE IRRITATION FROM PROLONGED CONTACT. TH

IS ALCOHOL IS CONSIDERED POISON WITH INGESTION OF 20 ML.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:INHALATION CAN CAUSE MILD IRRITATION, NARCOSIS, NAUSEA AND HEADACHE. EYE CONTACT WILL CAUSE IRRITATION & BURNING. SKIN CONTACT WILL CAUSE STINGING AND BURNING SENSATION. INGESTION WILL CAUSE BURNING SENSATIONS OF THE DIGESTIVE TRACT ALONG WITH NAUSEA, VOMITING, BL

EEDING AND CNS DEPRESSION. CONSIDERED POISONOUS.

Medical Cond Aggravated by Exposure:THERE IS NO KNOWN MEDICAL CONDITIONS ABNORMALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION. IF CONSCIOUS, DILUTE BY DRINKING WATER AND INDUCE VOMITING.

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

Flash Point Method:CC

Flash Point:53.0F,11.7C

Autoignition Temp:Autoignition Temp Text:750F

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE E

EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:WATER STREAM MAY BE INEFFECTIVE DUE TO LOW FLASH POINT. A MODERATE EXPLOSION HAZARD EXISTS WHEN THIS MATERIAL IS EXPOSED TO HEAT OR FLAMES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB SMALL SPILLS WITH PAPER TOWELS, EVAPORATE FLAMMABLE ALCOHOL IN EXHAUST HOOD &

BURN DRY PAPER. CONTAIN LARGE SPILLS; COLLECT LIQUID IF FEASIBLE OR ABSORB WITH VERMICULITE OR SAND. PLACE IN COVERED DISPOSAL CONTAINER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A CLEAN, COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION AND OXIDIZING AGENTS. HANDLE AND STORE AS AN OSHA CLASS IB FLAMMABLE LIQUID.

Other Precautions:ELECTRICAL SERVICES MUST MEET CODE. BOND AND GROUND

CONTAINERS FOR TRANSFERS. USE NON-SPARKING TOOLS. USE WITH ADEQUATE VENTILATION. AVOID INHALATION OF VAPORS AND REPEATED OR PROLONGED CONTACT OF LIQUID WITH SKIN OR CLOTHING.

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

Respiratory Protection:PROVIDE NIOSH APPROVED SELF-CONTAINED OR AIR-SUPPLIED BREATHING APPARATUS WITH FULL FACEPIECE FOR NON-ROUTINE OR EMERGENCY USE ABOVE THE TLV.

Ventilation:PROVIDE GENERAL AND EXHAUST VENTILATION (EXPLOSION-PROOF)

TO MEET TLV REQUIREMENTS. EXHAUST HOODS=100 LFM FACE VELOCITY.

Protective Gloves:NEOPRENE GLOVES

Eye Protection:CHEMICAL GOGGLES FOR SPLASH DANGER.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER WHERE GROSS SPILLS OR SPLASHING CAN OCCUR. USE APRONS WHERE NECESSARY TO AVOID CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT SMOKE OR EAT IN AREAS OF STORAGE OR USE.

Supplemental Safety and Health

PREPLACEMENT AND PERIODIC MEDICAL EXAMINATION

ONS SHOULD EMPHASIZE SKIN,
SINUSES, AND THE RESPIRATORY SYSTEM. KEEP RECORDS. PROVIDE SUITABLE
TRAINING TO THOSE WORKING WITH ISOPROPANOL. LAUNDER CONTAMINATED
WORK CLOTHING PRIOR TO REUSE.

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

HCC:F2
Boiling Pt:=82.2C, 180.F
Melt/Freeze Pt:=-88.3C, -127.F
Vapor Pres:33
Vapor Density:2.07
Spec Gravity:0.78
Evaporation Rate & Reference:1.7 (N-BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR,
COLORLESS LIQUID WITH RUBBING ALCOHOL ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, ACETALDEHYDE, CHLORINE, ETHYLENE OXIDE, ACIDS,
ISOCYANATES
Hazardous Decomposition Products:THERMAL-OXIDATIVE DEGRADATION PRODUCTS
CAN INCLUDE CARBON MONOXIDE.

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

Waste Disposal Methods:BURN WASTE LIQUID IN AN APPROVED
D INCINERATOR OR
DISPOSE OF VIA LICENSED WASTE DISPOSAL COMPANY. ABSORBED LIQUID CAN
BE LANDFILLED. FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS.

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