

FISHER SCIENTIFIC COMPANY -- 2-PROPANOL -- 6810-01-382-2904

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Product Identification
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Product ID:2-PROPANOL

MSDS Date:02/29/1996

FSC:6810

NIIN:01-382-2904

MSDS Number: CCJHC

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC COMPANY

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-7523

CAGE:1

B464

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

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reaction by Wt: 100% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

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

LD50 LC50 Mixture:LD50 ORAL (RAT):5045 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT PRODUCES IRRITATION.
PROLONGED AND/OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING AND
DERMATITIS. MAY CAUSE ALLERGIC SK
IN REACTION IN SOME INDIVIDUALS.
INGESTION MAY CAUSE GASTROINTESTINAL I RRRITATION, KIDNEY DAMAGE,
CNS DEPRESSION. INHALATION MAY CAUSE CNS DEPRESSION, RESPIRATORY
TRACT IRRITATION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYES: BURNING SENSATION, REDNESS, TEARING,
INFLAMMATION, POSSIBLE CORNEAL INJURY. SKIN: DEFATTING, IRRITATION,
PAIN,
STINGING. INGESTION: GI TRACT IRRITATION, NAUSEA, VOMITING,
DIARRHEA, KIDNEY DAMAGE , EXCITEMENT, HEADACHE, DIZZINESS,
DROWSINESS, NAUSEA, COLLAPSE, UNCONSCIOUSNESS. INHALATION:
IRRITATION, CNS EFFECTS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WA
SH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: IF VICTIM CONSCIOUS AND ALERT, GIVE
2-4 CUPS OF WATER OR MILK. GET MEDICAL ATTENTION.

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

Flash Point:55.0F,12.8C
Lower Limits:2.50 %@79F
Upper Limits:12.1 %@ 150F
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR
ALCOHOL-RESISTANT FOAM.
Fire Fi

ighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.
Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. CONTAINERS MAY EXPLODE IN THE HEAT OF A FIRE.

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

Spill Release Procedures:ABSORB SPILL WITH INERT MATERIAL (E.G., DRY SAND OR EARTH). THEN PLACE INTO A CHEMICAL WASTE CONTAINER. REMOVE ALL SOURCES OF IGNITION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP AWAY FROM SOURCES OF IGNITION. KEEP FROM CONTACT WITH OXIDIZING MATERIALS. STORE IN A COOL, DRY AREA.
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED. AVOID INGESTION AND INHALATION. USE SPARK-PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.
Protective Gloves:RECOMMENDED
Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES WITH SIDES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
EM

PTY CONTAINERS RETAIN RESIDUE 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.

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-130F,-90C

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:.78

Evaporation Rate & Reference:1.5 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACETALDEHYDE, CHLORINE, ETHYLENE OXIDE, ACIDS, ISOCYANATES.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ACRID SMOKE AND FUMES.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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