

MALLINCRODT,INC.,SCIENCE PRODUCTS DIVISION -- ISOPROPYL ALCOHOL -- 6810-00-855-6160
===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL

MSDS Date:09/13/1985

FSC:6810

NIIN:00-855-6160

MSDS Number: BGSQS

=== Responsible Party ===

Company Name:MALLINCRODT,INC.,SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Info Phone Num:314-982-5000

Emergency Phone Nu

m:314-982-5000

CAGE:KO209

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

Company Name:MALLINCRODT,INC.

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Phone:314-539-1600

CAGE:KO209

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by

Wt: 100%
Other REC Limits:NONE
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:LD50 ORAL RAT=5840MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:SEE SIGNS & SYMPTOMS OF
OVEREXPOSURE. CHRONIC:PROLONGED CONTACT WITH SKIN MAY CAUSE MILD
IRRITATION,DRYING, CRACKING,OR CONTACT DERMATITIS. S
INGLE LETHAL
DOSE FOR A HUMAN ADULT IS 250 MLS.
Explanation of Carcinogenicity:ISOPROPANOL IS CLASSIFIED
IARC-3(INSUFFICIENT EVIDENCE-HUMAN).
Effects of Overexposure:EYES:SEVERE IRRITATION,POSSIBLE CORNEAL BURNS &
EYE DAMAGE;SKIN:IRRITATION,BURNING,DEFATTING;INHALATION:IRRITATION
OF NOSE & THROAT,NARCOTIC EFFECT,DROWSINESS,HEADACHE,STAGGERING,
UNCONSCIOUSNESS,DEATH;INGESTION:GASTROINTESTINAL
PAIN,CRAMPS,NAUSEA,VOMIT, DIARRHEA.MAY CAUSE
DROWSINESS,UNCONSCIOUSNESS,DEATH.
H.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,EYE
PROBLEMS, IMPAIRED RESPIRATORY FUNCTIONS.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR
IMMEDIATELY;SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP &
WATER.IF IRRITATION PERSISTS,SEE DOCTOR;INHALATION:REMOVE TO FRESH
AIR.GIVE CPR/ OXYGEN IF NEEDED.SEE DOCTOR;INGESTION:GIVE
WATER.INDUCE VOMIT.SEE DOCTOR IMMEDIATELY.NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:CC
Flash Point:53F(12C)
Autoignition Temp:Autoignition Temp Text:750F
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,ALCOHOL FOAM,CO2
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING. USE WATER
SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE UNIGNITED
VAPORS.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR.CAN TRAVEL

ALONG GROUND A LONG DISTANCE AND FLASHBACK.

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

Spill Release Procedures:REMOVE IGNITION SOURCES.VENTILATE.WEAR RESPIRATORY PROTECTION & PROTECTIVE CLOTHING.SMALL SPILLS MAY BE ABSORBED IN PAPER TOWELS & EVAPORATED IN A FUME HOOD.ALLOW FUMES TO CLEAR HOOD,THEN IGNITE PAPER IN SUITABLE LOCATION AWAY FROM COMBUSTIBLES.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM STRONG OXIDIZERS & IGNITION SOURCES.PROTECT FROM PHYSICAL.STORE IN NON-SMOKING AREA.

Other Precautions:CONATINERS SHOULD BE BONDED & GROUNDED FOR TRANSFERS.

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

Respiratory Protection:A FULL FACEPIECE CHEMICAL CARTRIDGE RESPIRATOR,OR A SUPPLIED AIR FULL FACEPIECE RESPIRATOR OR AIRLINE HOOD,DEPENDING UPON THE EXPOSURE OF CONC ERN.

Ventilation:LOCAL EXHAUST AND/OR MECHANICAL(GENERAL) VENTILATION RECOMMENDED. LOCAL EXHAUST,PREFERRED.

Protective Gloves:RUBBER

Eye Protection:GOGGLES/FULL FACE SHIELD/NO CONTACT LENS

Other Protective Equipment:BOOTS,LAB COAT,APRON OR COVERALLS. EYEWASH STATION & SAFETY SHOWER.

Work Hygienic Practices:AVOID BREATHING VAPORS.AVOID CONTACT WITH EYES, SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

===== Physical/Chemical Properti
es =====

HCC:F2

Boiling Pt:B.P. Text:180F(82C)

Melt/Freeze Pt:M.P/F.P Text:-128F(-89C)

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.79

Evaporation Rate & Reference:2.83 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,ACETALDEHYDE,CHLORINE,ETHYLENE OXIDE

Stability Condition to Avoid:HEAT,SUNLIGHT,SPARKS,OPE

N FLAMES

Hazardous Decomposition Products:CO,TOXIC GASES & VAPORS

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

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL,STATE & LOCAL REGULATIONS.

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