

MALLINCRODT,INC.,SCIENCE PRODUCTS DIVISION -- ISOPROPYL ALCOHOL -- 6810-00-855-1158  
===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL

MSDS Date:09/13/1985

FSC:6810

NIIN:00-855-1158

MSDS Number: BGSQR

=== 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 b

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

=====  
===== 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.  
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.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,EYE  
PROBLEMS,IMPAIRED RESPIRA  
TORY FUNCTIONS.

=====  
===== 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 NEED ED.SEE DOCTOR;INGESTION:GIVE  
WATER.INDUCE VOMIT.SEE DOCTOR IMMEDIATELY.NOTHING BY MOUTH IF  
UNCONSCIOUS.

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

Flash P  
oint 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,CO\*2  
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.

===== 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:CONTAINERS 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 CONCERN.

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

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

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 Gra

vity: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,OPEN FLAMES

Hazardous Decomposition Products:CO,TOXIC GASES & VAPORS

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

Waste

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.