

MALLINCKRODT INC. SCIENCE PRODUCTS DIVISION -- ISOPROPYL ALCOHOL;(ISOPROPANOL) --  
6810-00-227-0410

===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL;(ISOPROPANOL)

MSDS Date:07/13/1987

FSC:6810

NIIN:00-227-0410

MSDS Number: BDKPR

=== Responsible Party ===

Company Name:MALLINCKRODT INC. SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info

Phone Num:314-982-5000

Emergency Phone Num:314-982-5000

CAGE:62910

=== 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:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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

Ingred Nam

e:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 100.0%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:ORAL RAT LD50:5840 MG/KG,RABBIT:13G/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:IRRITATION OF EYES,SKIN AND  
RESPIRATORY TRACT;CNS EFFECTS,DROWSINESS,HEADACHE  
,STAGGERING,DRYING  
OF SKIN.INGESTION MAY CAUSE NAUSEA,G.I. TRACT PAIN,VOMITING &  
DIARRHEA. CHRONIC:IRRITATION,DEFATTING OF SKIN,DERMATITIS.  
Effects of Overexposure:MILD IRRITATION  
EYES,NOSE,THROAT;DROW;DIZZ;HEAD;DRY CRACKING SKIN;GI  
CRAMPS;NAU;DIARR  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG  
DIFF GIVE OXY  
GEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH  
W/SOAP&WATER. RMV CONTAM CLTHG&SHOES. INGEST:INDUCE VOMIT. RPT  
UNTIL VOMIT IS CLEAR. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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

Flash Point:53F,11.7C TCC  
Autoignition Temp:Autoignition Temp Text:750F  
Lower Limits:2  
Upper Limits:12  
Extinguishing Media:CO\*2,DRY CHEM,ALCOHOL FOAM  
Fire Fighting Procedures:WEAR SCBA,USE WATER SPRAY TO COOL HEAT EXPOSED  
CONTAINERS.  
Un

usual Fire/Explosion Hazard:FLAMMABLE LIQUID;MODERATE EXPLOSION  
HAZARD WHEN EXPOSED TO HEAT OR FLAMES.

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

Spill Release Procedures:ELIM IGNIT SOURCES.VENT AREA.STOP LEAK W/O  
RISK.WEAR SCBA.ABSORB SM QTY W/INERT MATL AND PLACE IN CLOSED  
DISPOSAL DRUM.DIKE LG QTY AND PUMP/VACUUM INTO CLOSED DRUM FOR  
RECLAIM/DISPOSAL.

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

Handling and Storage Precautio

ns:STORE IN COOL,DRY,WELL VENTILATED AREA

AWAY FROM HEAT & IGNIT SOURCES.KEEP CONTAIN CLOSED WHEN NOT IN  
USE.PROTECT FM DAMAGE.DO NOT INGEST/INHAL.

Other Precautions:DO NOT EAT OR SMOKE IN AREA OF USE OR STORAGE.AVOID  
SKIN/EYE CONTACT.LAUNDER CONTAMIN CLTHG BEFORE REUSE.

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

Respiratory Protection:NIOSH/MESA APPROVED RESP FOR ORGANIC VAPORS.

Ventilation:MECHANICAL REQD,LOCAL RECOMMENDED FOR CLOSED AREAS.

Protective Glo

ves:RUBBER

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:AS REQUIRED TO AVOID SKIN

CONTACT;EYEWASH,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS/MIST;NO SMOKING IN WORK AREA.

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 MMHG

Vapor Density:2.1

Spec Gravity:0.79

Evaporation Rate &am

p; Reference:2.83 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID, ALCOHOLIC ODOR

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

STRONG OXIDIZERS

Stability Condition to Avoid:HIGH HEAT AND IGNITION SOURCES SUCH AS  
OPEN FLAME OR SPARKS.

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE

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

Waste Disposal Methods:INCINERATE I/A/W ALL LOCAL,STATE & FEDERAL  
REGULATIONS.

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