

SCIENCE KIT -- 85475-01 ISOPROPYL ALCHOL -- 6810-00D004534

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

Swift Science #31

Product ID:85475-01 ISOPROPYL ALCHOL
MSDS Date:05/05/1988
FSC:6810
NIIN:00D004534
MSDS Number: BYRPJ
=== Responsible Party ===
Company Name:SCIENCE KIT
Address:777 EAST PARK DRIVE
City:TONAWANDA
State:NY
ZIP:14150-6784
Country:US
Info Phone Num:716-874-6020
Emergency Phone Num:800-424-9300 (CHEMTREC)
Preparer's Name:K.KUCHEL
CAGE:57020

===== Contractor Identification =====

Company Name:SCIENCE KIT INC
Address:777 E PARK DR
Box:City:TONAWANDA
State:NY
ZIP:14150-6708
Country:US
Phone:716-874-6020
CAGE:57020

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9495

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRIT TO SKIN/EYES/LUNGS/MUCOUS
MEMBRANES/GI TRACT. NAUSEA, NARCOSIS, DROWSINESS, DIZZINESS.
CHRONIC:DERMATITIS.
Effects of Overexposure:IRRIT TO SKIN/EYE/LUNGS/MUCOUS MEMBRANES/GI
TRACT. NAUSEA, NARCOSIS, DROWSINESS, DIZZINESS. DERMATITIS.
Medical Cond Aggravated by Exposure:PERSONS W/PR-EXISTING SKIN,EYE,RESP
DISORDERS MAY BE MORE SUSCEPTIBLE.

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

First Aid:SKIN:REMOVE ANY CONTAMIN CLOTH.WASH W/SOAP/MILD
DETERGENT/WATER FOR @LEAST 15MINS.IRRIT DEVELOPS/PERSIST GET MED
ATTN.EYE:WASH W/PLENTY OF WATER FOR @LEAST 15MINS,LIFT EYELIDS.GET
MED ATTN IMMED.INHAL :REMOVE TO FRESH AIR.NOT BREATH GIVE ART
RESP.BREATH DIFFICUL GIVE OXY.CALL PHYSICIAN.INGEST:INDUCE VOMIT
IMMED BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN
THROAT.NEVER GIVE ANY THING (SUPPLE)

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

Flash Point Method:CC
 Flash Point:53.6F,12.0C
 Lower Limits:2.0
 Upper Limits:12.0
 Extinguishing Media:WAER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPO CNTRN COOL.
 Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTH & NIOSH APPROVED SCBA W/FULL FACEPIECE OPERATED IN PRESS DEMANDE/OTHER +PRESS MODE.H2O TO DILUTE SPILLS TO NON-FLAMM.
 Unusual Fire/Explosion Hazard:FLAMM.>FLASH PT VAP/AIR MIX EXPLO W/IN FLAMM LIMITS NOTED ABOVE.VAP CAN FLOW ALONG SURFACE TO DISTANT IGN SOURCE;FLASHBACK.CONTACT W/STRG OXID MAY CAUSE FIRE/EX

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

Spill Release Procedures:VENTI AREA.REMOE ALL IGN SOURCES.CLEANUP PEROPLE REQUIRE PROT CLOTH/RESP PROT FRM VAP.SM:ABSORB ON PAPER TOWELS/EVAPO IN FUME HOOD.ALLOW ENOUGH TIME FOR FUME STO CLEAR HOOD THE IGN PAPER IN SUITABLE L OCATION AWAY FRM COMBUST MATLS.CONTAIN/COVER(SUPP)

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

Handling and Storage Precautions:STORE IN COOL WELL VENTILATE PLACE.
 Other Precautions:KEEP CNTNR TIGHTLY CLSD WHEN NOT IN USE.READ LABEL ON CNTNR BEF USING.FOR LAB USE ONLY.NOT FOR DRUG,FOOD,HOUSEHOLD USE.KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:ORGANIC CARTRIDGE.
 Ventilation:LOCAL EXHAUST, MECHANICLA (GENERAL).
 Protective Gloves:POLY OR RUBBER GLOVES.
 Eye Protection:GOGGLES.
 Other Protective Equipment:LAB COAT.
 Work Hygienic Practices:WASH HANDS AFTER HANLDING. WASH CLOTH BEF REUSE. THOROUGHLY CLEAN SHOES BEF REUSE.
 Supplemental Safety and Health
 1ST AID:BY MOUTH IF UNCONSC.CALL PHYSICIAN IMMED. SPILL:LIQ WHEN POSSIBLE.

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

HCC:F3
 Boiling Pt:B.P. Text:180F,82C
 Melt/Freeze Pt:M.P/F.P Text:-128F,-89C
 Vapor Pres:33 @25C
 Vapor Density:2.1
 Spec Gravity:0.79
 Evaporation Rate & Reference:1.7 (N-BUTYL ACETATE=1)
 Solubility in Water:100%
 Appearance and Odor:CLEAR COLORLESS LIQUID, MILD ODOR.
 Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
 STRONG OXIDIZERS, ALUMINUM, PERCHLORIC ACID, CHLORINE, ETHYLENE OXIDE.
 Stability Condition to Avoid:AVOID HEAT & IGNITION SOURCES.
 Hazardous Decomposition Products:CARBON OXIDES.

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

Waste Disposal Methods:DISCHARGE,TREAT,DISP MAY BE SUBJ TO
FED/STATE/LOC LAWS.CAN BE LIQ INCINERATED IN RCRA APPROVED COMBUST
CHAMGER/ABSORB W/VERMI/DRY SAND/EARTH/SIMILAR MATL.SCOOPUP
W/NON-SPARK TOOLS.PLACE IN CLSD CNTNR. DISPOSE IN RCRA APPROV
FACI.DO NOT FLUSH TO SEWER.

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