

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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