

CUMBERLAND-SWAN INC, DIVISION OF PERRIGO CO. -- ISOPROPYL RUBBING ALCOHOL  
70% USP -- 6505-01-078-9605

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Product Identification  
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Product ID:ISOPROPYL RUBBING ALCOHOL 70% USP

MSDS Date:11/30/1992

FSC:6505

NIIN:01-078-9605

MSDS Number: CCHYL

=== Responsible Party ===

Company Name:CUMBERLAND-SWAN INC, DIVISION OF PERRIGO CO.

Address:1 SWAN DRIVE

Box:129

City:SMYRNA

State:TN

ZIP:37167

Country:US

Info Phone Num:615-459-8900

Emergency Phone Num:615-459-8900

CAGE:0YRB8

=== Contractor Identification ===

Company Name:CUMBERLAND-SWAN INC DIV OF PERRIGO CO

Address:1 SWAN DR

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Composition/Information on Ingredients  
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 70% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NON-HAZARDOUS INGREDIENTS

Fraction by Wt: 30% %

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL-RAT): 5840 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF VAPORS MAY CAUSE CNS EFFECTS, RESPIRATORY TRACT IRRITATION, PULMONARY EDEMA. LIQUID MAY BE IRRITATING TO SKIN AND EYES. PROLONGED SKIN CONTACT MAY RESULT IN DERMATITIS. EYE CONTACT MAY R ESULT IN TEMPORARY CORNEAL DAMAGE. INGESTION MAY CAUSE NAUSEA, VOMITING, CNS EFFECTS, GI TRACT IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:HEADACHE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, IRRITATION OF RESPIRATORY TRACT, LOSS OF CONSCIOUSNESS, PULMONARY EDEMA, SKIN IRRITATION, EYE IRRITATION, DERMATITIS, TEMPORARY CORNEAL DAMAGE, NAUSE A, VOMITING, HEADACHES, DIZZINESS, GASTROINTESTINAL IRRITATION, CNS DEPRESSION.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISORDERS OF THE SKIN, EYES AND RESPIRATORY TRACT MAY BE EXACERBATED BY EXPOSURE TO ISOPROPYL ALCOHOL.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TOC

Flash Point:70.5F,21.4C

Lower Limits:2.00 %

Upper Limits:12.0 %

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE.

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

Spill Release Procedures:REMOVE IGNITION SOURCE AND VENTILATE SPILL SITE. WEAR ALL PROTECTIVE GEAR. MOP UP SPILLAGE WITH AN ABSORBENT MATERIAL AND PLACE IN TIGHT CONTAINER. WASH SPILL SITE AND REMOVE CONTAMINATED ABSORBENT MATERIALS. WASH THOROUGHLY OR SHOWER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN A COOL, DRY AREA AWAY FROM HEAT AND OTHER POSSIBLE IGNITION SOURCES, INCLUDING INCOMPATIBLE MATERIALS.

Other Precautions:USE NON-SPARKING TOOLS TO OPEN CONTAINERS. MAINTAIN APPROPRIATE CLASS(ES) OF FIRE EXTINGUISHERS NEARBY IN CASE OF FIRE.

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

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS UP TO 1000 PPM, A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED. ABOVE THIS USE SCB A.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES, NO CONTACT LENSES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

DO NOT EAT, DRINK OR SMOKE NEAR THIS MATERIAL.

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

HCC:F2

Boiling Pt:=80.C, 176.F

Melt/Freeze Pt:=-50.C, -58.F

Vapor Pres:23

Vapor Density:1.6

Spec Gravity:0.88

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:MISCIBLE

Appearance and Odor:COLORLESS LIQUID WITH SLIGHT ODOR OF RUBBING ALCOHOL

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACETALDEHYDE, CHLORINE, ETHYLENE OXIDE, ACIDS, ISOCYANATES

Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE CODE: D001.

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