

CUMBERLAND-SWAN, INC -- ISOPROPYL ALCOHOL 70% RUBBING -- 6505-00-655-8366

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

Product ID:ISOPROPYL ALCOHOL 70% RUBBING

MSDS Date:11/01/1994

FSC:6505

NIIN:00-655-8366

MSDS Number: BVHDS

=== Responsible Party ===

Company Name:CUMBERLAND-SWAN, INC

Address:ONE SWAN DRIVE

City:SMYMA

State:TN

ZIP:37167

Country:US

Info Phone Num:615-459-8900

Emergency Phone Num:615-459-8900

0

CAGE:0TH10

=== Contractor Identification ===

Company Name:CUMBERLAND-SWAN, INC

Address:ONE SWAN DRIVE

Box:129

City:SMYMA

State:TN

ZIP:37167

Country:US

Phone:615-459-8900

CAGE:0TH10

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 30% %

Other REC Limits:NONE RECOMMENDED

=====
===== 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-MAY CAUSE MILD IRRITATION TO THE NOSE, THROAT & RESPIRATORY TRACT & MAY RESULT IN CNS DEPRESSION. SKIN- MILDLY IRRITATING TO THE SKIN. EYE-MODERATELY IRRITATING TO THE EYES. INGESTION-GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE TOXICITY.

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

Effects of Overexposure:IRRITATION AS NOTED ABOVE, EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA. EXPOSURE TO ISOPROPYL ALCOHOL CAN RESULT IN SKIN IRRITATION AND MORE SERIOUS CONTACT DERMATITIS.

Medical Cond Aggr

aggravated by Exposure:PRE-EXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO IPA.

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

First Aid:EYES-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. OBTAIN MEDICAL ATTENTION. SKIN-FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. OBTAIN MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING IF UNCONSCIOUS.

IF WITHIN THE FIRST 15 MIN, INDUCE VOMITING WITH SYRUP OF IPECAC, 30CC, & WATER.

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

Flash Point Method:TOC

Flash Point:70.5F,21.1C

Lower Limits:2

Upper Limits:12

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

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

D TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. TAKE UP W/ABSORBENT MATERIAL & PLACE IN NON-LEAKING CONTAINER, SEAL TIGHTLY FOR DI

SPOSAL.

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 COMBUSTIBLE MATERIALS.

Other Precautions:USE NON-SPARKING TOOLS TO OPEN CONTAINERS. MAINTAIN CLASSES OF FIRE EXTINGUISHERS NEARBY IN CASE OF FIRE.

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

=====

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE, USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATORS FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS N ECESSARY 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

NONE SPECIFIED BY MANUFACTURER.

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

HCC:F2

Boiling Pt:=80.C, 176.F

Melt/Freeze Pt:=50.C, 122.F

Vapor Pres:23

Vapor Density:1.6

Spec Gravity:0.878

Evaporation Rate & Referen

ce:NOT GIVEN

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH MILD, RUBBING ALCOHOL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACETALDEHYDE, CHLORINE, ETHYLENE OXIDE, ACIDS, ISOCYANATES.

Stability Condition to Avoid:AVOID HEAT, SPARKS, FLAME. DO NOT STORE OR HANDLE IN ALUMINUM CONTAINERS OR EQUIPMENT AT TEMPERATURES ABOVE 120F.

Hazardous Decomposition

Products:CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods:UNDER EPA-CERCLA (SUPERFUND) RELEASE TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER 1-800-424-8802. CIRCUMSTANCES SURROUNDING THE RELEASE & CLEANUP DETERMINES REPORTABILITY.

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.