

CENTRAL SCIENTIFIC CO (CENCO) -- ISOPROPYL ALCOHOL, 70% -- 6505-00-655-8366

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

Product ID:ISOPROPYL ALCOHOL, 70%
MSDS Date:04/01/1995
FSC:6505
NIIN:00-655-8366
MSDS Number: BYHJG
=== Responsible Party ===
Company Name:CENTRAL SCIENTIFIC CO (CENCO)
Address:8315 LEE HWY
City:FAIRFAX
State:VA
ZIP:22031
Country:US
Info Phone Num:800-621-4778
Emergency Phone Num:800-621-4778
CAGE:11273

=== Contractor Identification ===
Company Name:CENTRAL SCIENTIFIC CO (FORMERLY IN FRANKLIN PARK, IL.)
Address:8315 LEE HWY
Box:City:FAIRFAX
State:VA
ZIP:22031
Country:US
Phone:800-621-4778
CAGE:11273

=====
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/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 30% %

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:IRRITATION TO SKIN, EYES, LUNGS,
MUCOUS MEMBRANES AND GI TRACT. PROLONGED EXPOSURE MAY CAUSE
DERMATITIS.

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

Effects of Overexposure:NAUSEA, NARCOSIS, DERMATITIS, SKIN IRRITATION,
EYE IRRITATION, LUNG IRRITATION, MUCOUS MEMBRANE IRRITATION, GI
TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PERSONE WITH PREEEXISTING SKIN, EYE
OR RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE.

=====
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: INDUCE VOMITING IMMEDIATELY. GET
MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:69.8F,21.0C

Autoignition Temp:Autoignition Temp Text:399C

Lower Limits:2.00 %

Upper Limits:12.7 %

Extinguishing Media:FOAM, 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:ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE
EXPLOSIVE WITHIN FLAMMABLE LIMITS. VAPORS CAN FLOW ALONG SURFACES
TO DISTANT IGNITION SOURCES AND FLASH BACK.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, WELL-VENTILATED PLACE. READ LABEL ON CONTAINER BEFORE USING. FOR LABORATORY USE ONLY. NO FOR DRUG, FOOD OR HOUSEHOLD USE.

Other Precautions:KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AI R-PURIFYING RESPIRATOR.

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

Protective Gloves:VINYL OR RUBBER

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT LAB COAT 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

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F2

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS SOLUTION, ISOPORPYL ALCOHOL ODOR

Percent Volatiles by Volume:70 %

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, ISOCYANATES, OLEUM, ALUMINUM, PERCHLORIC ACID

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

===== 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.

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.