

CENTRAL SCIENTIFIC -- ISOPROPYL ALCOHOL, 70% - ISOPROPYL RUBBING ALCOHOL, USP
MATERIAL SAFETY DATA SHEET
NSN: 6505006558366
Manufacturer's CAGE: 11273
Part No. Indicator: A
Part Number/Trade Name: ISOPROPYL ALCOHOL, 70%

=====
General Information
=====

Item Name: ISOPROPYL RUBBING ALCOHOL, USP
Company's Name: CENTRAL SCIENTIFIC CO (CENCO)
Company's Street: 8315 LEE HWY
Company's City: FAIRFAX
Company's State: VA
Company's Country: US
Company's Zip Code: 22031
Company's Emerg Ph #: 800-621-4778
Company's Info Ph #: 800-621-4778
Record No. For Safety Entry: 007
Tot Safety Entries This Stk#: 016
Status: SM
Date MSDS Prepared: 01APR95
Safety Data Review Date: 28MAR96
Supply Item Manager: CX
MSDS Serial Number: BYHJG
Hazard Characteristic Code: F3
Unit Of Issue: BT
Unit Of Issue Container Qty: 16 OUNCES
Type Of Container: BOTTLE
Net Unit Weight: 16 OUNCES

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL (SARA III)
Ingredient Sequence Number: 01
Percent: 70 %
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM/500 STEL
ACGIH TLV: 400 PPM/500STEL;9192
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 02
Percent: 30 %
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

=====
Physical/Chemical Characteristics
=====

Appearance And Odor: CLEAR, COLORLESS SOLUTION, ISOPORPYL ALCOHOL ODOR
Boiling Point: NOT GIVEN
Melting Point: NOT GIVEN
Vapor Pressure (MM Hg/70 F): NOT GIVEN
Vapor Density (Air=1): NOT GIVEN

Specific Gravity: NOT GIVEN
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: NOT GIVEN
Solubility In Water: COMPLETE
Percent Volatiles By Volume: 70 %
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature: 399C

=====
Fire and Explosion Hazard Data
=====

Flash Point: 69.8F,21.0C
Flash Point Method: TCC
Lower Explosive Limit: 2.00 %
Upper Explosive Limit: 12.7 %
Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL,
WATER FOG
Special Fire Fighting Proc: FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS
EXPOSED TO FIRE WITH WATER.
Unusual Fire And Expl Hazrds: ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE
EXPLOSIVE WITHIN FLAMMABLE LIMITS. VAPORS CAN FLOW ALONG SURFACES TO
DISTANT IGNITION SOURCES AND FLASH BACK.

=====
Reactivity Data
=====

Stability: YES
Cond To Avoid (Stability): HIGH TEMPERATURES, SPARKS, OPEN FLAMES
Materials To Avoid: OXIDIZING AGENTS, ISOCYANATES, OLEUM, ALUMINUM,
PERCHLORIC ACID
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE. WILL NOT OCCUR.

=====
Health Hazard Data
=====

LD50-LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: IRRITATION TO SKIN, EYES, LUNGS, MUCOUS
MEMBRANES AND GI TRACT. PROLONGED EXPOSURE MAY CAUSE DERMATITIS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Signs/Symptoms Of Overexp: NAUSEA, NARCOSIS, DERMATITIS, SKIN IRRITATION,
EYE IRRITATION, LUNG IRRITATION, MUCOUS MEMBRANE IRRITATION, GI TRACT
IRRITATION.
Med Cond Aggravated By Exp: PERSONE WITH PREEXISTING SKIN, EYE OR
RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE.
Emergency/First Aid Proc: 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. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL
ATTENTION. INGESTION: INDUCE VOMITING IMMEDIATELY. GET MEDICAL ATTENTION.

=====
Precautions for Safe Handling and Use
=====

Steps If Matl Released/Spill: 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.
Waste Disposal Method: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: 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.

=====
Control Measures
=====

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 AIR-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.
Suppl. Safety & Health Data: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

=====
Transportation Data
=====

Trans Data Review Date: 96088
DOT PSN Code: HWY
DOT Proper Shipping Name: ISOPROPANOL OR ISOPROPYL ALCOHOL
DOT Class: 3
DOT ID Number: UN1219
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: ITK
IMO Proper Shipping Name: ISOPROPYL ALCOHOL
IMO Regulations Page Number: 3244 *
IMO UN Number: 1219
IMO UN Class: 3.2
IMO Subsidiary Risk Label: -
IATA PSN Code: ONH
IATA UN ID Number: 1219
IATA Proper Shipping Name: ISOPROPANOL
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: ONH
AFI Prop. Shipping Name: ISOPROPANOL
AFI Class: 3
AFI ID Number: UN1219
AFI Pack Group: II
AFI Label: FLAMMABLE LIQUID
AFI Basic Pac Ref: A7.3

=====
Disposal Data
=====

Label Data

```
=====
Label Required: YES
Technical Review Date: 28MAR96
Label Date: UNKNOWN
MFR Label Number: NONE
Label Status: D
Common Name: ISOPROPYL ALCOHOL, 70%
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-Slight: X
Special Hazard Precautions: IRRITATION TO SKIN, EYES, LUNGS, MUCOUS
MEMBRANES AND GI TRACT. PROLONGED EXPOSURE MAY CAUSE DERMATITIS. STORE IN A
COOL, WELL-VENTILATED PLACE. READ LABEL ON CONTAINER BEFORE USING. FOR
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. INHALATION: REMOVE TO FRESH AIR.
RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING
IMMEDIATELY. GET MEDICAL ATTENTION.
Protect Eye: X
Protect Skin: X
Protect Respiratory: X
Label Name: CENTRAL SCIENTIFIC CO (CENCO)
Label Street: 8315 LEE HWY
Label City: FAIRFAX
Label State: VA
Label Zip Code: 22031
Label Country: US
Label Emergency Number: 800-621-4778
=====
```

URL for this msds <http://siri.org>. If you wish to change, add to, or delete information in this archive please sent updates to dan@siri.org.