

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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Hazards Identification  
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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 PREEXISTING SKIN, EYE  
OR RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE.

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First Aid Measures  
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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. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION. INGESTION: INDUCE VOMITING IMMEDIATELY. GET  
MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:69.8F,21.0C  
Autoignition Temp:Autoignition Temp Text:3  
99C  
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.

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===== 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 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.

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, A

LUMINUM, 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.

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