

E M SCIENCE DIV OF E M INDUSTRIES INC -- ISOPROPANOL (FOR CAGE:1FW89 ITEMS PARTS A&B)  
-- 1560-01-308-8459

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

Product ID:ISOPROPANOL (FOR CAGE:1FW89 ITEMS PARTS A&B)

MSDS Date:12/10/1985

FSC:1560

NIIN:01-308-8459

Kit Part:Y

MSDS Number: BWPWF

=== Responsible Party ===

Company Name:E M SCIENCE DIV OF E M INDUSTRIES INC

Address:111 WOODCREST RD

City:CHERRY HILL

State:

NJ

ZIP:08034-0395

Country:US

Info Phone Num:609-354-9200

Emergency Phone Num:609-354-9200

CAGE:63612

=== Contractor Identification ===

Company Name:E M SCIENCE DIV OF E M INDUSTRIES INC

Address:480 DEMOCRAT ROAD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Phone:800-222-0342/609-423-6300

CAGE:63612

Company Name:SWEDLOW INC

Address:12122 WESTERN AVE

Box:City:GARDEN GROVE

State:CA

ZIP:92645

Country:US

Phone:800-424-9300

CAGE:1FW89

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

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Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 60-100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM/500STEL;9394

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

LD50 LC50 Mixture:TLV= 400 PPM  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HIGH VAPOR CONCENTRATIONS IRRITATE  
EYES, NOSE, THROAT & MAY CAUS  
E CENTRAL NERVOUS SYSTEM DEPRESSION.  
ALSO POSSIBLE NARCOTIC EFFECT. CONTACT MAY DAMAGE EYES.  
Effects of Overexposure:IRRITATE EYES, NOSE, THROAT. CENTRAL NERVOUS  
SYSTEM DEPRESSION. NARCOTIC EFFECT. DAMAGE EYES.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH WITH WATER. GET MED ASSISTANCE. SKIN:WASH WITH  
SOAP & WATER. INHAL:REMOVE TO FRESH AIR. GET MED ASSISTANCE.  
INGES  
T:GET MED ASSISTANCE.

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

Flash Point Method:TCC  
Flash Point:53.0F,11.7C  
Lower Limits:2  
Upper Limits:12  
Extinguishing Media:DRY CHEMICAL, CO2, "ALCOHOL" FOAM, WATER SPRAY TO  
COOL FIRE EXPOSED CONTAINERS & DISPERSE VAPORS.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS,  
PROTECIVE CLOTHING.  
Unusual Fire/Explosion Hazard:DANGEROUS HAZARD WHEN EXPOSED TO HEAT,  
FLAME.

===== Accidental Relea

se Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. EVACUATE  
NONESSENTIAL PERSONNEL. FLUSH AREA WITH WATER.

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

Handling and Storage Precautions:KEEP CONTIANER TIGHTLY CLOSED. STORE  
IN COOL, WELL-VENTILATED, FIRE-PROOF AREA. STORE AWAY FROM  
COMBUSTIBLES, ACIDS & OXIDIZING MATERIALS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:AIR-SUPPLIED MASK MAY BE NECESSARY.

Ventilation:PROVIDE ADEQUATE GENERAL MECHANICAL & LOCAL EXHAUST  
VENTILATION.

Protective Gloves:GLOVES REQUIRED

Eye Protection:SASFETY GOGGLES REQUIRED

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

HCC OF ITEM:F3. PART C OF 3 PART KIT. SEE SAME NSN PART A&B OF  
CAGE:1FW89.

===== Physical/Chemical Properties  
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HCC:F2

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-127F,-89C

Vapor Pres:33 MM

Vapor Density:2.07

Spec Gravity:0.7854

Evaporation Rate & Reference:2.4 (N-BUTYL ACETATE=1)

Solubility in Water:MISCIBLE @20C

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH CAHRACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACIDS, OXIDIZIERS, HALOGENS & HALOGEN COM

POUNDS.

Stability Condition to Avoid:HEAT, FLAME, IGNITION SOURCES.

Hazardous Decomposition Products:C0X.

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

Waste Disposal Methods:TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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