

CHEM012

INDEX NO. 1940

MATERIAL SAFETY DATA SHEETS

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Manufacturer:
E. M. Science
111 Woodcrest Road
P.O. Box 5018
Cherry Hill, N.J. 08034-0395

*TLV TLV 400 ppm

TXDS: orl-rpt LDLo: 5000 mg/kg
Emergency Information: orl-man LDLo: 8600 mg/k
ihl-hmn LCLo: 400 ppm
609-423-6300 toxic effects: irritant

Product:

Isopropanol, 2-Propanol CA #67-63-0

Common Name:

not given

Generic Name:

not given

Chemical Name:

iso-Propyl Alcohol

Chemical Family:

aliphatic alcohol

DOT Proper Shipping Name:

not given

WARNING Statements:

NFPA 704:

1

health

3

flammability

0

reactivity

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SECTION I - INGREDIENTS:

Formula: $\text{CH}_3\text{CHOHCH}_3$

formula weight: 60.10

HAZARDOUS MIXTURE OF OTHER LIQUIDS, SOLIDS OR GASES:

not given

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SECTION II - EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: flush with water; get medical assistance

Skin Contact: wash with soap/water

Inhalation: remove to fresh air; get medical assistance

Ingestion: get medical assistance

Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other,
(NE) Not Established
(Units are in PPM unless otherwise specified)

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SECTION III - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

High vapor concentrations irritate eyes, nose, throat and may cause
Acute Effects: central nervous system depression; also possible narcotic effect;
contact may damage eyes

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Chronic Effects: see above

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SECTION IV - SPECIAL PROTECTION INFORMATION

Respiratory Protection: air-supplied mask may be necessary

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Ventilation: provide adequate general mechanical and local exhaust ventilation

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Protective Gloves: wear safety gloves

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Eye Protection: wear safety goggles

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Other Protective Equipment: not given

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SECTION V - REACTIVITY DATA

Stability (Conditions to avoid): stable; avoid heat, flame, ignition source

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Incompatibility (Materials to avoid): acids, oxidizers, halogens and halogen compounds

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Hazardous Decomposition Products: CO_x

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Hazardous Polymerization (Conditions to avoid): not given

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SECTION VI - SPILL OR LEAK PROCEDURES

Procedures in Case of Release or Spill: eliminate ignition sources; evacuate non-essential personnel; flush area with water

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Waste Disposal Method: to be performed in compliance with all current local, state and federal regulations

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SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

Handling and Storing Precautions: keep container tightly closed; store in a cool, well-ventilated, fire-proof area; store away from combustible materials

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Other Precautions: acids and oxidizing material
DOT flammable liquid

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SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

DOT Flammability Classification: FLAMMABLE LIQUID

Flash Point Range: 53°F (tcc)
lcl 2% Ucl 12%

Extinguishing Media: dry chemical, CO₂, alcohol foam
~~water spray to cool exposed containers and disperse~~
vapors

Unusual Fire & Explosion Hazards:
dangerous when exposed to heat;
flames

Fire Fighting Procedures: not given

SECTION IX - PHYSICAL DATA

Approximate Boiling Range: 82.3°
melting point: -88.5°

Vapor Density: 2.07

Evaporation Rate: 2.4

Percent Volatile: 100

Solubility in Water: miscible

Specific Gravity: 0.7854

Approx. Bulk Density: not given
vapor pressure: 33 mm Hg

Appearance & Odor: clear, colorless
liquid with characteristic odor

SECTION X - DOCUMENTARY INFORMATION

Product Code Number: PX1830,1834,1835

Issue Date: 8/83

Replaces MSDA Number: not given

Previous Product Code Number:
not given

Previously Issued: 8/81

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