

Section V - Reactivity Data Rating: 0

Stability	Unstable		Conditions to Avoid
	Stable	X	contact w/oleum, oxidants, noitroform

Incompatibility (Materials to Avoid)

strong oxidizers

Hazardous Decomposition or Byproducts

Unk

Hazardous	May Occur	Unk	Conditions to Avoid
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Polymerization

Unk	Will Not Occur	Unk	
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Section VI - Health Hazard Data Rating: 2

Route(s) of Entry: Inhalation? yes Skin? yes Eyes? yes Ingestion? yes

Target Organs: eyes; skin; respiratory system

Health Hazards (Acute and Chronic)

An irritant to eyes. High concentration acts as narcotic. Can cause

corneal burns and eye damage. Ingestion can cause GI cramp, nausea, diarrhea

Carcinogenicity: NTP? no LARC Monographs? Unk OSHA Regulated? yes

Signs and Symptoms of Exposure

Inh: mild irritation to eyes and nose Ing: throat irritation; drowsiness,

dizziness Skin and eyes: headache; dry cracked skin; mucous membrane irrit.

Medical Conditions Generally

Aggravated by Exposure Unk

Emergency and First Aid Procedures

Eyes: flush with water; if irritation persists, seek medical attn. Skin:

soap and water wash Ing: seek medical attention Inh: move to fresh air

Section VII - Precautions for Safe Handling and Use

Steps To Be Taken in Case Material Is Released or Spilled

Use gloves; do not throw towels or material used for clean up in the incinerator.

Waste Disposal Method

Refer to the waste disposal section of this manual or consult the manu-

facturer.

Precautions to Be Taken in Handling and Storing

Dangerous: keep away from heat and open flame.

Other Precautions

A common air contaminant

Section VIII - Control Measures Rating: 6

Respiratory Protection (Specify Type)

If over 1000ppm, any powder air-purifying or chemical cartridge resp. w/full

Ventilation	Local Exhaust well-vented areas	Special	NA	facepiece.
	Mechanical (General) NA	Other	NA	

Protective Gloves

rubber or nitrile gloves

Eye Protection

safety glasses or goggles

Other Protective Clothing or Equipment

NA

Work/Hygenic Practices

Wash skin promptly upon exposure. Remove contaminated (wet) clothing immed-

ately. May be flammable.

Based on Draft of OSHA 174, September 1985. Replaces obsolete OSHA form 20 MSDS This information herein is given in good faith but no warranty,

expressed or implied, is made. 1994, HCLS

MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR §1910.1200. To be valid, all information required by §1910.1200 (g) of the Standard must appear on this form. Consult the standard for specific requirements. Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

IDENTITY (As Used on Label and List)

Isopropyl Alcohol

Hazard Class: E

Section I

Prepared from Standard Reference by: Health Career Learning Systems, Inc.	Emergency Telephone Number Local Fire Department or EMS
Address (Number, Street, City, State and Zip Code) 37557 Schoolcraft Road	Telephone Number for Information Local Poison Control
Livonia, MI 48150	Date Prepared August 1994
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits %(optional)

Isopropyl Alcohol TWA 400ppm STEL 500ppm

Isopropanol

Note: All of the above in Section II are different chemical names for the same material.

Section III - Physical/Chemical Characteristics

Boiling Point	180°F	Specific Gravity (H ₂ O = 1)	Unk
Vapor Pressure (mm Hg.)	33mm	Melting Point	-128°F
Vapor Density (AIR = 1)	2.07	Evaporation Rate (Butyl Acetate = 1)	Unk

Solubility in Water
miscible

Appearance and Odor

Clear colorless liquid, slight odor, slight bitter taste.

Section IV - Fire and Explosion Hazard Data Rating: 3

Flash Point (Method Used) 53°F	Flammable Limits	LEL 2%	UEL 12%
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Extinguishing Media
see below

Special Fire Fighting Procedures

Carbon dioxide, dry chemical, alcohol foam

Unusual Fire and Explosion Hazards

Dangerous fire hazard when exposed to heat, flame, or oxidizers. Moderate explosion hazard when exposed to heat or flame.

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Form no. 056