

GFS CHEMICALS, INC.

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MATERIAL SAFETY DATA SHEET

934

ISOBUTYL ALCOHOL

CHEMICAL NAME & SYNONYMS

Isobutyl alcohol; Isobutanol; 2-Methyl-1-Propanol
TSCA - Yes

DOT CLASS

3/III

SARA TITLE 313

No

FORMULA

(CH₃)₂CHCH₂OH

F.W.

74.12

CAS#

78-83-1

PHYSICAL DATA

Density 0.8; B.p. 107-108 C. Vapor pressure 10 mm at 21.7 C. Vapor density 2.55. Slightly soluble in water.

APPEARANCE & ODOR

Clear liquid. Sweet odor.

REACTIVITY & CONDITIONS TO AVOID

Stable. Flammable. Possible reaction with certain oxidizers, some violently.

FIRE HAZARDS

Flammable. Readily ignited. NFPA # 1-3-0

EXTINGUISHER

CO₂, dry chemical, foam

FLASHPOINT

28 C

LEL

1.2%

UEL

10.9%

HEALTH HAZARDS

TLV: Air: 50 ppm DTLVS. Irritant to skin, eyes and mucous membranes. Moderately toxic by oral, inhalation or dermal. More toxic by injection. LD₅₀ (oral-rat) 2460 mg/kg; LC_{Lo} (inhl-rat) 8000 ppm/4H; LD₅₀ (skin-rabbit) 3400 mg/kg. Experimental carcinogen. Mutagenic data. Effects of overexposure-narcotic.

SPECIAL PRECAUTIONS

Use only with good ventilation or suitable respirator. Wear goggles and rubber gloves while handling. Store in cool place away from ignition sources.

FIRST AID

Wash skin and eyes thoroughly with water. If swallowed, give water or milk and induce vomiting. For inhalation-remove to fresh air, if breathing is difficult give oxygen, if breathing stops give artificial respiration. Get medical attention.

SPILLS & LEAKS

Remove ignition sources. Ventilate area. Contain spill. Take up with absorbent. Wash up with water. Disposal to incinerator.

CATALOG #

934

PREPARED BY

LM

DATE

1/9/97