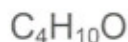




Isobutanol

Iso Butyl Alcohol
2-Methyl-1-Propanol



Description

A clear, colorless solution with a sweet musty odor.

Physical properties

Molecular Weight	74.12
Relative Evaporation Rate nBuAc=1	0.74
Vapor Pressure at 20°C, mmHg	7.2
Density at 20°C lb/gal	6.68
Specific Gravity at 20/20°C	0.802
Viscosity at 20°C cP	4.0
Surface Tension	
(dynes/cm at 20°C)	23.0
(dynes/cm at 25°C)	-
Hansen Solubility Parameters	
Total	11.1
Non-Polar	7.4
Polar	2.8
Hydrogen Bonding	7.8
Boiling Point, °C at 760mm Hg	107.9
Solubility at 20°C	
%Wt In Water	8.5
%Wt Water in	15
Closed Cup Flash Point °F	82
SARA 313 (see note 1†)	N
Hazardous Air Pollutant (see note 2††)	N

† **Note 1:** Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

†† **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

Classification/Registry Numbers

CAS Number	78-83-1
EINECS	201-148-0

(Please see second and third pages)

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Isobutanol

Iso Butyl Alcohol

2-Methyl-1-Propanol

Features


- Medium volatility
- Relatively slow latent evaporating solvent in lacquer
- Miscible with organic solvents such as glycols, ketones, alcohols, aldehydes, ethers, aromatic and aliphatic hydrocarbons
- Limited miscibility with water
- Prevents blushing of certain coatings
- Improves flow and gloss and nitrocellulose lacquers
- Suitable solvent for acid curable lacquers and baking finishes derived from urea
- Hydroxyl functionality
- Non-HAP (Hazardous air pollutant) Solvent

Applications

- Solvent (coatings/cleaners)
- Textiles
- De-icing fluids
- Intermediate for glycol ethers
- Flotation agents
- Floor polishes
- Extractant in production of drugs and antibiotics, hormones, vitamins
- Additive in gasoline
- Chemical intermediate (esters)
- Anti-corrosion and anti-wear inhibitors in engine oils
- Agricultural chemicals intermediate

How supplied

- Bulk: Tank truck/tank cars/isotanks/bulk marine vessels

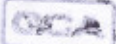
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FECHA: 17/09

Isobutanol
Iso Butyl Alcohol
2-Methyl-1-Propanol

Special handling

Risk phrase	R10	(Flammable)
	R37	(Irritating to respiratory system)
	R38	(Irritating to skin)
	R41	(Risk of serious damage to eyes)
	R67	(Vapor may cause drowsiness and dizziness)
Safety phrase	S7/9	(Keep container tightly closed in a well-ventilated area)
	S13	(Keep away from food, drink and animal feeding stuffs)
	S26	(In case of contact with eyes, rinse immediately with plenty of water and seek medical advice)
	S37/39	(Wear suitable gloves and eye/face protection)
	S46	(If swallowed seek medical advice immediately and show this container or label)

Note: Consult the appropriate Material Safety Data Sheet for safety and handling guidelines for this product.

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FECHA: Junio 17/04

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Danbury, Connecticut 06817 U.S.A.

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In the Pacific: +852 2879 7260; Fax: +852 2827 5881
In Other Global Areas: 1-989-832-1556; Fax: 1-989-832-1465

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