



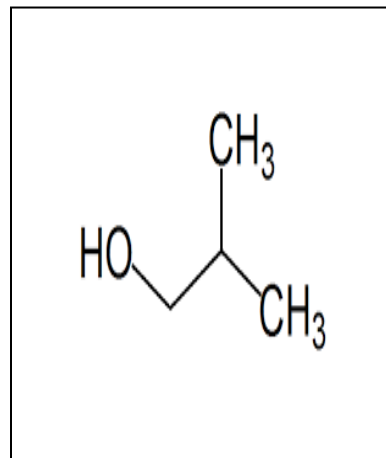
Product Data Sheet

ISO-BUTANOL [2 Methyl Propanol]

CAS No:	78-83-1
Molecular Formula	C ₄ H ₁₀ O

Specific Properties:

Item	Specification
Density at 20°C, g/cm ³	0.801
Boiling temperature ° C	106-108
Ignition temperature , ° C	28 [closed cup]
Flammability	flammable



Technical Quality Conditions:

Characteristics	Values	Test methods
N-Butanol , min. %	99.5	ILL-033/1-01-68
Distillation range (95% vol.) °C	106-109	ASTM D 1078
Acidity (CH ₃ COOH), max. %	0.006	ASTM D 1613
Water (Karl-Fischer), max. %	0.1	ASTM E 203
Color, max. Hazen Units	10	SR ISO 2211
Non-volatile, max %	0.0025	STAS 8834

General Description:

Iso- butanol is a colorless liquid with a characteristic odor. Mixed with air within 1.45-11.25% vol. limits. Iso- butanol forms explosive mixtures.

Main Applications:

- solvent in the industry of nitro-cellulose and alkyd resins based varnishes
- solvent in synthetic leather manufacturing;
- extraction agent for oils, drugs, perfumes, hormones, antibiotics, vitamins
- in preparing flotation agents for ore;
- solvent for oven dried, urea and phenolic resin based varnishes;