



BHARAT PETROLEUM CORPORATION LIMITED

PRODUCT SPECIFICATIONS

Normal Butanol			
No	Property	Units	Specification
1	Chemical Formula		C ₄ H ₁₀ O
2	Specific gravity	20/20 °C	0.809 – 0.812
3	Boiling point	°C	117.7
4	Flammability Range - lower-upper	vol%	1.4 - 11.2
5	Product class		Class B
6	Composition	wt%	Normal Butanol content = 99.5 Min
			Iso Butanol : 0.1 Max
			Water : 0.1 Max
			Acidity (as acetic acid) : 0.002 Max
			Acidity (as Butyric acid) : 0.001 Max
			Aldehydes (as butyraldehydes) : 0.05 Max
			Other impurities 0.1 Max
7	Color	APHA	10 max
8	Flash point	°C	29
9	Appearance		Colorless clear liquid
10	Odor		Vinous Odor