

Product Description

Propanol

A clear, polar water-soluble solvent with a very mild odor.

Property	Units	Specifications	Typical	Test Method
Molecular Weight	g/mol		60.1	
Boiling Point @760mmHg, 1.01ar			97°C (207°F)	
Flash Point (Setaflash closed cup)			24°C (75°F)	
Freezing Point			<-127.5°C (<-197.5°F)	
Vapor pressure @ 25°C-extrapolated			14.9mmHg<20Pa	
Specific Gravity (20/20°C)			0.803	
Liquid Density @ 20°C			0.80 g/cm ³	
Vapor Density (air=1)			2.1	
Viscosity (cP or mPa s @20°C)			2.3	
Surface tension (dynes/cm or Mn/m @20°C)			23.8	
Specific heat (J/g/°C @25°C)			N/A	
Heat of vaporization (J/g) at normal boiling point			N/A	
Heat of combustion (kJ/g)-predicted @25°C			N/A	
Autoignition temperature			400°C (751°F)	
Evaporation rate (n-butyl acetate=1.0)			1.3	
Solubility, g/L or % @20°C				
Solvent in water			100%	
Water in solvent			100%	
Hansen solubility parameters	(J/cm ³) ^{1/2}			
		Non-Polar	7.8	
		Polar	3.3	
Hydrogen bonding			8.5	
Partition Coefficient, noctonol/water	log pow		0.25	
Flammable limits (vol% in air)				
		lower	2.1	
		upper	13.7	



Technical Data: N-Propyl Alcohol

Item Number

Date Created

Date Updated

5/21/2015

6/18/2015



CAROLINA INTERNATIONAL SALES CO., INC.

266 Rue Cezzan
Lavonia, GA 30553
770-904-7042
www.ciscochem.com

Limitations of Warranty & Liability

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

Buyer shall assume all risk and liability for and shall defend, indemnify, and hold Seller harmless from and against all claims, liabilities, costs, and expenses arising from or connected with the possession, transportation, handling, unloading, storage, processing or use of the product alone or in combination with other substances. Buyer's exclusive remedy and Seller's exclusive liability for damages under contract, tort, strict liability, negligence, or otherwise, shall be limited at Seller's option to the refund of the purchase price or the replacement of the product. In no event shall Seller be liable for incidental, indirect, special, or consequential damages.

Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.