



TECHNICAL DATA SHEET

2-PROPANOL AR

2-Propanol

Article No.	216022500	Molecular Formula	C ₃ H ₈ O
H.S. Code	2905.1200	Molecular Weight	60.10
CAS No.	67-63-0		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Alcoholic odour
Melting point [°C]	-89°C
Auto-ignition temperature [°C]	399°C
Flammability (solid, gas)	Flammable
Flash point [°C]	12°C
Boiling point [°C]	82°C
Evaporation rate	2.83
Vapour pressure [20°C]	43.2 hPa at 20°C
Vapour pressure mm/Hg	44 mm Hg @ 25C
Vapour density	2.1
Density [g/cm ³]	0.79
Solubility in water [% weight]	Miscible in water
Partition coefficient Log Pow octanol / water at 20°C	0.05
Explosion limits - upper [%]	12.70%
Explosion limits -lower [%]	2%

Specifications

Assay (by GC) Min 99.8 %
Water (KF) Max 0.1 %
Acidity (meq/g) Max 0.0001
Residue after Evaporation Max 0.001 %
Refractive index at 20°C 1.3766 - 1.3786
Subs. reducing KMnO₄ Max 0.0005 %

C4 alcohols Max 0.005 %
C5 alcohols Max 0.005 %
Calcium (Ca) Max 0.00002 %
Copper (Cu) Max 0.000002 %
Ethanol Max 0.005 %
Iron (Fe) Max 0.00001 %
Lead (Pb) Max 0.000002 %
Magnesium (Mg) Max 0.00001 %
Methanol Max 0.005 %
Potassium (K) Max 0.00002 %

Safety Information and Hazard Symbols



Symbol	GHS02, GHS07
Signal Word	Danger
UN No	1219
IMCO Class No.	3
Hazardous Statement	H225-H319-H336
Precaution Statement	P210-P280-P304+P340-P305+P351+P338-P370+P378-P403+P233-P235-P501
Packing Group	II