



Product Specification

Product Name: PROPAN-2-OL TG

Alternate Name(s) ISOPROPANOL (ISOPROPYL ALCOHOL)

Description

Clear, colourless liquid with a characteristic odour.

Properties

Chemical Formula:

Molecular Weight: 60.1

Product Code: PT013

CAS No. 67-63-0

General Information:

Miscible with water. Soluble in alcohol and ether. Incompatible with strong oxidising agents. Flammable; keep away from heat, sparks and naked flames.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Colour (Pt-Co)	< 10
Water	≤ 0.5 %
Specific Gravity (20/20°C)	0.780 - 0.790
Distillation range	82.0 - 83.8 °C
Odour Threshold	Non residual
Autoignition Temp.	425 °C
Flamm. Limit UEL	12 Vol%
Flamm. Limit LEL	2 Vol%
Vapour Pressure	44 hPa (20 °C)
Flash Point	12 °C (CC)
Water miscibility	Passes test
Boiling Range (95% min.)	81 - 83 °C
Melting Point	-89 °C
Vapour Density	2.07 (air = 1)
Evaporation Rate	2.3

Hazard and Safety Data

UN Group:	II
Class:	3
UN Number:	1219
Hazchem code:	2[Y]E
CS MSDS Code:	1CH5R
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	16

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