

### IDENTIFIERS

Product name	RESIN CLEANER
Chemical name of the substance:	2-Propanol
CAS:	67-63-0
EC-No.:	200-661-7
REACH Registration Number:	01-2119457558-25-0001 01-2119457558-25-0002
Chemical Sum Formula	C <sub>3</sub> H <sub>8</sub> O
Chemical Formula	CH <sub>3</sub> CH(OH)CH <sub>3</sub>

### TYPICAL PHYSICAL PROPERTIES

This data provided for those properties are typical values, and should not be construed as sales specifications.

<u>Property</u>	<u>Unit</u>	<u>Method</u>	<u>Value</u>
Purity, min.	%m/m	GC	99.5
Water	%m/m	ASTM D1364	0.03
Acidity (as Acetic Acid)	%m/m	ASTM D1613	0.001
Density at 20°C	kg/l	ASTM D4052	0.795
Specific Gravity at 20°C/20°C	-	ASTM D4052	0.786
Specific Gravity at 25°C/25°C	-	ASTM D4052	0.783
Coefficient of Cubic Expansion at 20°C	10 <sup>-4</sup> /°C	Calculated	11
Refractive Index at 20°C	-	ASTM D1218	1.377
Color	Pt-Co	ASTM D1209	<5
Boiling Point	°C	-	82
Relative Evaporation Rate (nBuAc=1) Relative	-	ASTM D3539	1.5
Relative Evaporation Rate (Ether=1)	-	DIN 53170	11
Antoine Constant A #	kPa. °C	-	6.86618
Antoine Constant B #	kPa. °C	-	1360.13
Antoine Constant C #	kPa. °C		197.592
Temperature Limits for Antoine Equation #	°C -		-10 to +90
Vapor Pressure at 20°C	kPa	Calculated	4.1
Vapor Pressure at 50°C	kPa	Calculated	24
Saturated Vapor Concentration at 20°C	g/m <sup>3</sup>	Calculated	102
Volatile Organic Compound (VOC)	g/l	EU / EPA	785
Flash Point (Abel)	°C	IP 170	12
Auto Ignition Temperature	°C	ASTM E659	425
Lower Explosion Limit	%v/v -	-	2.0
Upper Explosion Limit	%v/v -	-	12
Electrical Conductivity at 20°C	pS/m	ASTM D4308	6*10 <sup>6</sup>
Dielectric Constant at 20°C	-	-	18.6

<u>Property</u>	<u>Unit</u>	<u>Method</u>	<u>Value</u>
Freezing Point	°C	-	-88
Surface Tension at 20°C	mN/m	-	23
Viscosity at 20°C	mPa.s	-	2.4
Hildebrand Solubility Parameter	(cal/cm <sup>3</sup> ) <sup>1/2</sup>	-	11.5
Hydrogen Bonding Index	-	-	-16.7
Fractional Polarity	-	-	0.178
Heat of Vaporization at T <sub>boil</sub>	kJ/kg	-	664
Heat of Combustion (Net) at 25°C	kJ/kg	-	31000
Specific Heat at 20°C	kJ/kg/°C	-	2.56
Thermal Conductivity at 20°C	W/m/°C	-	0.14
Miscibility at 20°C: Solvent in water	%m/m	-	complete
Miscibility at 20°C: Water in solvent	%m/m	-	complete
Azeotrope with Water: Boiling Point	°C	-	80.3
Azeotrope with Water: Solvent Content	%m/m	-	87.4
Molecular Weight	g/mol	-	60

---

## HAZARD INFORMATION

---

For detailed Hazard Information please refer to the Safety Data Sheet on [resources.3d-basics.com](https://resources.3d-basics.com)

---

## STORAGE HANDLING

---

Provided proper storage and handling precautions are taken we would expect ISOPROPANOL to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet on [resources.3d-basics.com](https://resources.3d-basics.com).

---

## DISCLAIMER

---

All other information supplied, including that herein, is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine a product's suitability for a particular purpose. We make no warranty, express or implied, including regarding any information supplied or the data upon which it is based or the results to be obtained from the use of such products or information, or concerning product, whether of satisfactory quality, merchantability, fitness for any particular purpose or otherwise, or with respect to intellectual property infringement as a result of use of information or products, and none shall be implied.