

## SALES SPECIFICATIONS

**APC Product** : Isopropyl Alcohol (IPA)

**APC Spec. No.** : 03-002-0

**Effective Date** : 1 April 2018

### Description

Isopropyl Alcohol (IPA) is a solvent for epoxy and acrylic resins, ethyl cellulose, as a latent solvent in solvent system for nitrocellulose. It is a medium evaporating solvent and is completely miscible with most solvents.

### Specification

<b>Properties</b>	<b>Unit</b>	<b>Test Method</b>	<b>Value</b>
Alcohol Content	% m/m	GC	99.8 min
Colour (Pt-Cobalt)		ASTM D1209	10 max
Density @ 20 °C	g/ml	ASTM D4052	0.782 - 0.787
Water Content	% m/m	ASTM D1364	0.20 max
Water Miscibility		ASTM D1722	pass
Distillation, IBP	°C	ASTM D1078	81.4 min
Distillation, DP	°C	ASTM D1078	83.4 max
Acidity as acetic acid	% m/m	ASTM D1613	0.002 max
Non-volatile matter	g/100ml	ASTM D1353	0.002 max

### Application

Isopropyl alcohol is widely used in nitrocellulose lacquers and thinners. Other applications for isopropyl alcohol include the preparation of adhesives, pharmaceuticals, medicinal, cosmetics, toiletries, rubbing compounds and disinfectants. Isopropyl alcohol is also used as a coupling agent in cleaners and polishes, an extractant, a dehydrating agent, a de-icing fluid, a chemical intermediate in the manufacture of other materials.