

Technical Bulletin

IPA GRADE A

DESCRIPTION

TSC IPA (Isopropyl Alcohol) is an internationally approved multipurpose solvent which conforms to BS1595, ASTM D770, DIN 53245 and MIL Spec TT-I-735A. As a cleaner it is fully miscible in water and most organic fluids, making it good at dissolving dirt, light organic contaminants and ionic flux residues. The solvent will also readily form an azeotrope with water for effective removal of moisture from parts and components.

IPA solvent will thoroughly clean all electronic equipment, fibre optic connectors, telephone circuits, LCD panels, delicate components, printed circuit board fluxes post soldering and is safe to use on most plastics. Within the Electronic assembly area IPA can also be used as a thinner for fluxes used in wave solder machines to adjust the specific gravity.

FEATURES & BENEFITS

- 100% Ozone Friendly
- Fast evaporation rate offering quick and efficient cleaning and degreasing.
- Dries without leaving any residue; leaves a clean, dry surface in one cleaning step.
- Cost effective cleaning solvent.
- Safe on most plastics.
- Removes flux residues from PCB's
- IPA is RoHS-2 Complaint

APPLICATION

Immerse the surface to be cleaned or spray carefully onto the surface to be cleaned and allow to evaporate, use a brush or cotton bud to remove stubborn deposits. Warning IPA is a flammable solvent so care should always be taken when using it. Always use in a well-ventilated area. Do not use on live electrical equipment or other potential sources of ignition. Solder Connection also offers IPA and IPA / DI in lint free wipe form.

TECHNICAL SPECIFICATIONS

	Specifications
Appearance	Clear
Colour	10 Pt-Co
Water (mass %)	0.1 max
Acidity as CH³ COOH (mass %)	0.001 max
Purity (mass %)	> 99
Density at 20°C (g/ml)	0.784-0.786
Distillation at 101.3 KPa:	
Initial boiling point (°C)	82.0
Final boiling point (°C)	83.0
Refractive index, n_D²⁰	1.377
Non volatile matter (mg/100ml)	< 1

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AVAILABILITY

1L / 5L / 10L Containers

HEALTH & SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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