



ARBITAL Solutions

Product Data Sheet: **ISO PROPYL ALCOHOL E- Clean**

DESCRIPTION

Iso propyl alcohol is a high pure material with **Orange flavour** can be used for cleaning applications. This is an ideal replacement for hand wipe or immersion mineral spirits. It removes effectively post soldered residues and other contaminants in printed circuit boards during assembly and can be used to clean off solder paste raw residues and other contaminants.

FEATURES AND BENEFITS

- Pb free and meets other regulatory requirements.
- Having higher flash point and operator comfort with **Orange odour**.
- An alternative to aqueous cleaning system and cost effective and meets ionic cleanliness standards.
- IPA E- Clean is suitable for use on the following metal surface, provided the surfaces are not heavily tarnished.
Cadmium, OSP, Tin, Copper, Gold, Zinc and Silver.

APPLICATIONS

IPA E- cleaner is easy to handle and use in printing equipment and stencils on-board.
Can be applied by spray, Dipping and brushing application

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|----------------------------------|
| Appearance: | Colourless liquid Molecular |
| Molecular weight | 60.10 |
| Boiling point | 82°C |
| Flash point (Closed cup) | 18°C |
| Specific gravity @ 25°C | 0.781 – 0.783 |
| Water miscibility | Miscible easily |
| Purity | 99.99% |
| Shelf Life | 18 months |
| Viscosity @ 20 ° | C: 2.3 cP |
| Water | 0.1% max |
| Acidity | 0.03% max |
| Odour | Orange |
| Aldehydes & Ketones | 0.05% max |
| Evaporation rate | 1.7 (butyl acetate=1) |
| TLV | 980mg/m3 (TWA), 1225mg/m3 (STEL) |



PACKAGING

Packaging is available in 5 and 20 Litres.

HEALTH AND SAFETY

Observe standard precautions for handling. Eye and skin protection must be provided. Avoid breathing of liquid.

Use in well ventilated areas, DO NOT SMOKE, use of solvent resistant gloves.

Flammable, keep away from sparks and open flames.

Remove skin splashes by immediate washing with soap and water.

For detailed information refer to the Safety Data Sheet (MSDS) available on request.

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