

# Polycraft

# Isopropyl Alcohol

**99.8% Minimum Purity**

Revision Date: 25/10/24

## Overview

Isopropyl alcohol is a highly effective and widely used solvent across the globe, ideal for cleaning and degreasing applications. It is particularly useful for tasks such as cleaning electronic devices and PCBs, general sanitation, cleaning glass and lenses, and sticker adhesive removal. In adhesive applications, isopropyl alcohol is often the solvent of choice for the final preparation, cleaning, and degreasing of the substrate before the adhesive is applied. Isopropyl alcohol is also effective in cleaning up many uncured adhesives, sealants, and resins.

In the healthcare sector, it is often utilised for its disinfectant properties for cleaning medical devices and hand sanitiser. Additionally, it plays a significant role in automotive manufacturing applications, personal care products and cosmetic formulations, used in laboratory settings for disinfecting, preserving, cleaning of glassware and other various instruments.

## Product Properties

- Appearance: Clear, water-white liquid
- Odour: Characteristic, sweet, pungent
- Specific Gravity @ 25°C: 0.7860-0.7890
- Purity, Wt. %: 99.8 Min
- Water Content, Wt. %: 0.3 Max
- Acidity (as Acetic Acid), Wt. %: 0.001
- Density @20°C : 0.785

## Chemical Information

- Molecular Formula: C<sub>3</sub>H<sub>8</sub>O
- Molecular Weight: 60 g/mol
- Boiling Point: 82°C (179.6°F)
- Flash Point: 12°C (53.6°F)
- Vapour Pressure: 4.1 kPa at 20°C
- Auto-ignition Temperature: 425°C (797°F)
- CAS: 67-63-0
- EC-No: 200-661-7

## Synonyms

Isopropyl Alcohol may also be referred to as:

- Isopropanol
- IPA
- propan-2-ol
- Rubbing Alcohol
- sec-propyl alcohol
- s-propanol
- sec-propyl alcohol
- dimethyl carbinol
- IPrOH
- IpOH
- PrOH

## Storage & Handling

Keep containers tightly closed. Store under cool, dry and well ventilated conditions away from open flames and high temperatures. Keep away from food, drink and animal feedingstuffs, wash hands with soap and water before eating, drinking or using toilet facilities. Observe good industrial hygiene and safe working practices when handling. For further information refer to safety datasheet.

## Health & Safety

Before use please read product labels, technical sheets and safety data sheets and ensure you have adequate understanding of the safety precautions and directions before use.