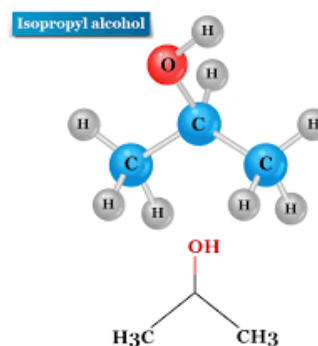


Isopropyl alcohol TDS



Isopropyl alcohol (IPA) also called isopropanol or 2-propanol — is a clear, colorless, flammable liquid with a strong alcohol smell. It's a common disinfectant and cleaning solvent.

Chemical Info

- Chemical formula: C_3H_8O
- Structure: $CH_3-CHOH-CH_3$
- It's a secondary alcohol (the $-OH$ group is attached to the middle carbon).
- Miscible (fully mixed) with water.

Physical and Chemical Properties of IPA

Chemical formula	C_3H_8O
Appearance	Volatile, clear, colorless liquid
Molecular mass	60.1 g/mol
Density	786 kg/m ³
Melting point	-89 C°
Boiling point	82.6 C°
Flash point	11.7 C°
Solubility in water	Miscible
Dissolvability	Soluble in ether, light and heavy alcohol, esters, aromatic and petroleum solvents.

Common Uses

- ✓ Disinfectant & antiseptic (usually 70% solution)
- ✓ Cleaning electronics (removes oils, residues, thermal paste)
- ✓ Degreaser & solvent (inks, resins, oils)
- ✓ Medical wipes & hand sanitizers
- ✓ Laboratory & industrial cleaning

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