

**ISOPROPYL ALCOHOL: ELECTRONICS CLEANER****824-WIPES****Section 9: Physical and Chemical Properties**

Physical State	Liquid, in solid mixture	Lower Flammability Limit	2%
Appearance	Colorless	Upper Flammability Limit	12%
Odor	Alcohol like	Vapor Pressure @20 °C	4.2 kPa [32 mmHg]
Odor Threshold	0.44 ppm	Vapor Density	2.1 (Air =1)
pH	Not available	Specific Gravity @25 °C	0.785
Freezing/Melting Point	-88 °C [-126 °F]	Solubility in Water	Fully miscible
Boiling Point	≥81.8 °C [≥179 °F]	Partition Coefficient	Not available
Flash Point ^{a)}	12 °C [54 °F]	Auto-ignition Temperature	425 °C [797 °F]
Evaporation Rate	1.5 (ButAc = 1)	Decomposition Temperature	Not available
Flammability (solid, gas)	Not available	Viscosity @20 °C	2.4 mPa·s [3.1 mm ² /s]

a) Tag closed cup value

Section 10: Stability and Reactivity

Reactivity	At elevated temperatures, may react with aluminum and generate hydrogen gas.
Chemical Stability	Chemically stable at normal temperatures and pressures
Conditions to Avoid	Avoid Ignition sources, excessive heat, and incompatible substances.
Incompatibilities	Strong oxidizing agents, strong acids, strong bases, halogenated compounds, aluminum at temperatures ≥ 49 °C [≥120 °F]
Polymerization	Will not occur
Decomposition	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5.