

PRODUCT DATA SHEET

ISOPROPYL ALCOHOL

Sales Specification (Rev – Feb 2011)

Description

With its characteristic alcoholic odour and exceptional purity, Isopropyl (IPA) is a volatile, stable liquid and is miscible with water and many organic materials, similar in properties to ethyl alcohol, IPA can be used in the pharmaceutical, perfumery and cosmetic industries. It is also widely used as a solvent in the paints and lacquers industries. In view of the increasing demand for IPA and to cope with the development of petrochemicals and specialty chemicals, LCYCIC has introduced the patented manufacturing technology from Deutsche Texaco of West Germany to produce Isopropyl Alcohol from propylene to meet both the domestic and over-seas market demands.

Properties	Test Methods	Cosmetic Grade Specification
Purity wt%		99.8 min
Color PT-CO (HaZen)	ASTM D1209	10 APHA max
Water wt%	ASTM D1364	0.15 max
Water Miscibility	ASTM D1722	Pass
Specific Gravity @20/20 °C	ASTM D268	0.785 – 0.787
Distillation Range °C (incl 82.4 °C)	ASTM D1078	1
Acidity wt% (As acetic acid)	ASTM D1613	0.001 max
Non-Volatile Matter mg/100ml	ASTM D1353	2.0 max (100ml)

