

PRASOL CHEMICALS LIMITED



PRASOL®

PRODUCT DATA SHEET

ISOPHORONE

Grade	: Technical	PRODUCT CODE	: 002
Form	: Liquid	Spec. No	: PR/IPH/25/11-00
Other Trade Name	: 1,1,3-Trimethyl-3-cyclohexene-5-one; α -Isophorone, 3,5,5-Trimethyl-2-cyclohexen-1-one	CAS NO.	: 78-59-1
Chemical Formula	: C ₉ H ₁₄ O	UN No	: - (non-hazardous for transport)
Molecular Weight	: 138.21		

Specifications

Appearance	: Clear liquid, free from suspended matter	ASTM E2680
Purity (α + β isomers) (%)	: 99.0 min	GC analysis
Moisture (%)	: 0.1 max	ASTM D1364
Color (Pt-Co)	: 50 max (at time of dispatch)	ASTM D1209
Acidity as acetic acid (%)	: 0.01 max	ASTM D1613
Distillation Range (°C)	: 210 - 216	ASTM D1078
Specific Gravity @ 20°C	: 0.918 - 0.923	ASTM D1298
Packing	: 195 Kg MS Drum or Bulk packing in ISO Tank/Tanker Load	
Safety and Handling	: Refer Safety Data Sheet	
Shelf Life	: Minimum 12 months at 25°C with a possible color evolution	
Applications	: As a solvent for resins, lacquers, inks and PVC In manufacture of perfumery chemicals and intermediates In manufacture of polyurethanes for light stable weather resistant urethane coating Intermediate for Isophorone diamine, Isophorone diisocyanate, Trimethylcyclohexanone In pesticide and herbicide formulations In vinyl chloride/acetate-based coating systems for metal cans, other metal paints, nitrocellulose finishes and printing inks for plastics.	

Technical Service : For technical assistance, pricing and further information, please contact us through
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