

Galaxy Colour Chem

Industrial Chemical Trading

Rajkot, Gujarat | Est. 2001 | Commissioner & PESO Licensed

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PRODUCT DATASHEET

Methyl Isobutyl Ketone

C₆H₁₂O | CAS 108-10-1

Specification Table

Test Description	Min	Max	Unit	Test Method
Methyl Isobutyl Ketone	99.5	—	%(w/w)	ASTM D3329
Water	—	0.05	%(w/w)	ASTM D1364
Methyl Isobutyl Carbinol	—	1000	mg/kg	ASTM D3329
Mesityloxiide + Isomesityloxiide	—	1000	mg/kg	ASTM D3329
Dimethylketone	—	1000	mg/kg	ASTM D3329
Colour	—	10	Pt-Co	ASTM D1209
Density @ 20°C	0.799	0.802	gm/l	ASTM D4052
Refractive Index @ 20°C	1.395	1.397	—	ASTM D1218
Acidity as Acetic Acid	—	0.005	%(w/w)	ASTM D1613
Non Volatile Matter	—	0.002	g/100ml	ASTM 1353
Distillation IBP	114.0	—	°C	—
Distillation DP	—	117.0	°C	—

Note: Physical properties are not monitored constantly. Values represent standard specification limits.

Applications

Paints & Coatings Medium-evaporating solvent in industrial lacquers, epoxy, and polyurethane coatings.	Metal Extraction Solvent extraction of cobalt, copper, and other metals in hydrometallurgy.
Pharmaceuticals Reaction solvent and purification medium in pharmaceutical manufacturing.	Adhesives Carrier solvent in contact cements and industrial adhesive systems.
Rubber Processing Solvent for rubber, resins, waxes, and cellulosic coating systems.	Cleaning Products Active solvent in industrial degreasers and precision cleaning formulations.
Printing Inks Carrier solvent in specialty and industrial printing ink formulations.	Agrochemicals Carrier solvent in pesticide and herbicide emulsifiable concentrate formulations.