

Galaxy Colour Chem

Industrial Chemical Trading

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

GST: 24AHEPK9990Q1ZF | +91 97253 88415 | galaxycolorchem@gmail.com

PRODUCT DATASHEET

Monoethylene Glycol

C₂H₆O₂ | CAS 107-21-1

Specification Table

Test Description	Min	Max	Unit	Test Method
Monoethylene Glycol	99.5	—	%(w/w)	—
Water	—	0.05	%(w/w)	—
Acidity (as Acetic Acid)	—	0.001	%(w/w)	—
Iron	—	0.1	ppm	—
DEG	—	0.05	%(w/w)	—
Aldehyde (as Acetaldehyde)	—	10	ppm	—
Ash	—	0.001	%(w/w)	—
pH at 20°C	6.5	7.5	—	—
Appearance	Clear	—	Visual	—
Specific Gravity 20/20°C	1.1153	1.1156	—	—
UV Transmittance 220nm	70	—	%	—
UV Transmittance 275nm	90	—	%	—
UV Transmittance 350nm	98	—	%	—

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

Applications

Antifreeze & Coolants Primary component in automotive engine coolants and industrial antifreeze systems.	PET Polyester Essential monomer in production of PET resin for bottles, fibre, and film.
Polyester Resins Diol building block in unsaturated polyester and alkyd resin manufacture.	Heat Transfer Fluids Thermal management fluid in solar panels, HVAC, and process cooling systems.
Hydraulic Fluids Base component in water-glycol hydraulic fluids and fire-resistant fluids.	Deicing Fluids Active ingredient in aircraft and runway de-icing and anti-icing products.
Textile Industry Lubricant and conditioning agent in synthetic fibre spinning and processing.	Chemical Intermediate Feedstock for polyurethanes, surfactants, resins, and specialty chemicals.