Email : sales@scilabexport.com
Phone: +91-7082934803

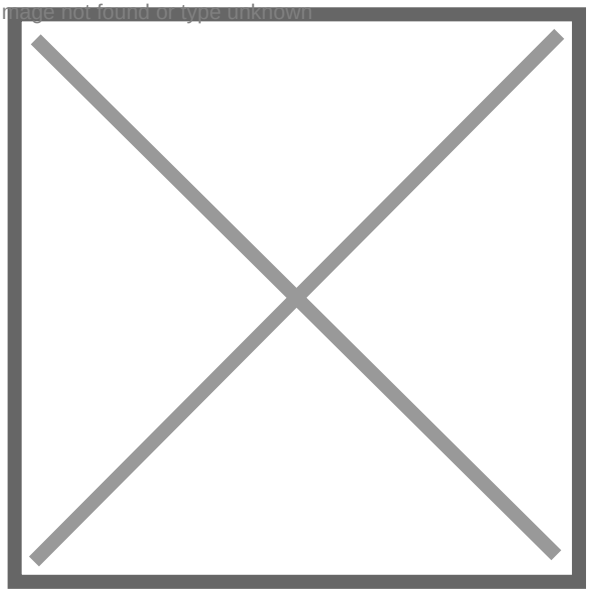
Product Name :

Ethylene Diamine

Product Code :

SCL-839/163

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Description :

Ethylene Diamine (Product Code: SCL-839/163) is a colourless, strongly basic liquid amine used as a bidentate ligand to prepare coordination complexes in college and university chemistry laboratories. Also written ethylenediamine and abbreviated “en”, it is offered as a 500ml analytical reagent with an MSDS for inorganic practicals that demonstrate ligand exchange and the chelate effect. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier in India for colleges, universities and research groups.

Specifications

Parameter	Detail
Product code	SCL-839/163
Chemical	Ethylenediamine (earlier listed as Ethelene Diamine)
Grade	Analytical reagent
Pack volume	500ml
Safety information	MSDS supplied with the product
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ethylene Diamine Used For?

Adding ethylenediamine drop by drop to a pale green nickel(II) solution changes the colour through blue to violet as the two-nitrogen ligand displaces water molecules around the metal ion, giving students a vivid picture of ligand substitution. Similar colour shifts can be seen with copper(II), and cobalt salts are used in preparative practicals where the solid complex is crystallised, filtered and characterised. Comparing these complexes with the ammonia versions is a neat way to introduce the chelate effect in lab equipment for college inorganic courses.

The liquid is corrosive to skin and eyes, has a strong ammonia-like smell and can irritate the airways, so measure it in a fume cupboard wearing gloves and goggles. It also absorbs moisture and carbon dioxide from air, so keep the cap tight, pour only what is needed into a clean measuring cylinder, and never return unused liquid to the stock bottle.

Supplier

Ethylene Diamine is supplied by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana. The company sources ligands, metal salts and other reagents for teaching and research laboratories in India and international markets, and quotes them together with the glassware a coordination chemistry practical needs. The ScienceLab company profile explains more about the business.

Related Chemistry Lab Products

Metal