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

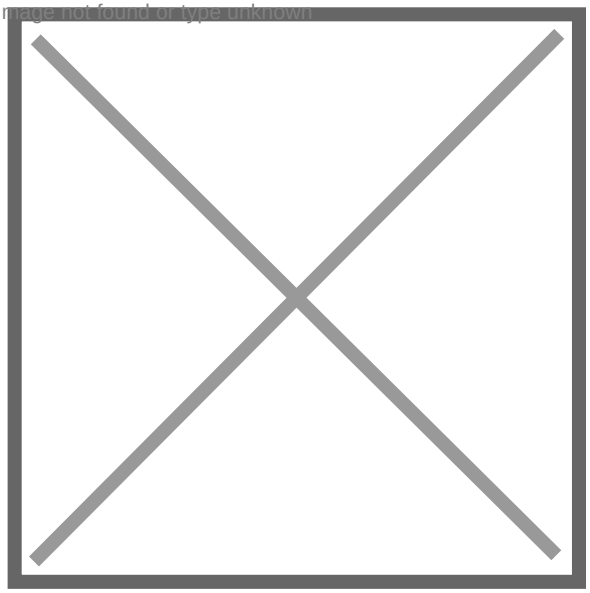
Product Name :

Red Phosphorus

Product Code :

SCI-430/128

Image not found or type unknown



Science Lab

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

Description :

Red Phosphorus (Product Code: SCI-430/128) is an analytical reagent grade allotrope of the element phosphorus used to demonstrate allotropy and the combustion of non-metals in school and college chemistry laboratories. It comes as a 50 g pack with an MSDS, and demonstrations typically use only small portions at a time. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to chemistry departments that source their reagents from one laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Capacity	50 g
Safety documentation	MSDS supplied
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-430/128
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Red Phosphorus Used For?

Red phosphorus lets teachers show allotropy: it is the same element as white phosphorus but far more stable in air, which is why the red form is the one kept in teaching labs and used on the striking strip of safety match boxes. In the combustion-of-non-metals demonstration, a small amount burned on a deflagrating spoon in a gas jar of oxygen produces dense white smoke of phosphorus oxide. Shaken with a little water, the oxide gives an acidic solution that turns blue litmus red.

Red phosphorus is a flammable solid that can ignite through friction, especially when mixed with oxidising agents such as chlorates, so never grind it or store it near oxidisers. Carry out demonstrations in a fume cupboard, keep the container tightly closed in a cool, dry place, and have dry sand ready for smothering a small fire. Some countries control the sale and transport of red phosphorus, so check local regulations before ordering.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, sources Red Phosphorus for teaching laboratories and supplies it with an MSDS. Institutions, dealers and importers in India and international markets should mention the intended use and destination in their enquiry, as flammable solids are subject to transport rules. Company information is on the ScienceLab profile page.

Related Laboratory Equipment

Appa

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