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

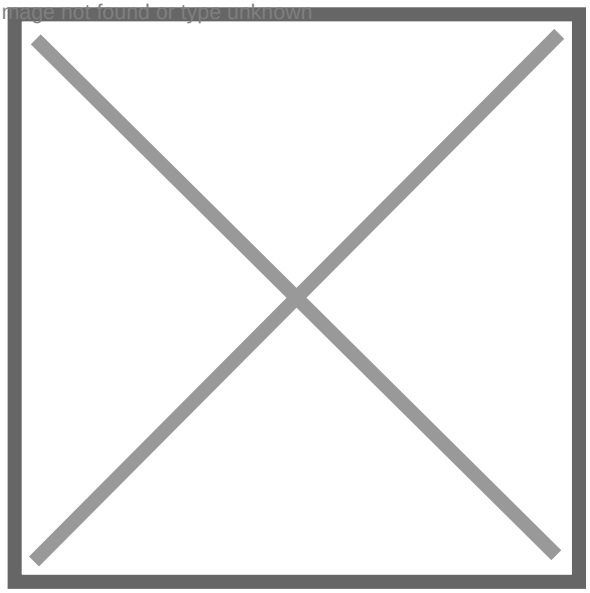
Product Name :

Red Phosphorus 50 g

Product Code :

SCI-519/224

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Description :

Red Phosphorus 50 g (Product Code: SCI-519/224) is an analytical reagent grade allotrope of phosphorus used to demonstrate allotropy and the combustion of a non-metal in college and senior school chemistry laboratories. The compact 50 g pack, supplied with an MSDS, suits demonstration work where only a spatula tip is burned at a time. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Substance	Red phosphorus (the red, air-stable allotrope of phosphorus)
Grade	Analytical reagent
Pack size	50 g
MSDS	Supplied with the pack
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.
Product code	SCI-519/224
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Red Phosphorus Used For?

Teachers use red phosphorus to show that one element can exist in forms with very different properties. Unlike white phosphorus, the red form is stable in air, does not glow in the dark and does not have to be kept under water, so it is the practical choice for school chemistry lab equipment in India. Heated on a deflagrating spoon and lowered into a gas jar of oxygen, a small portion burns with a bright flame and dense white smoke of phosphorus(V) oxide.

Shaking that smoke with a little water gives an acidic solution that turns blue litmus red, a neat demonstration that non-metal oxides are acidic. Red phosphorus is also the active part of the striking strip on safety-match boxes, a useful talking point in everyday-chemistry lessons. It is a flammable solid: keep it dry and away from flames, and never mix or grind it with oxidisers such as potassium chlorate, because such mixtures can explode on friction.

Supplier

Red Phosphorus 50 g is supplied by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab and serves laboratories from Ambala, Haryana. Because it is a flammable solid, tell us the destination when you enquire so that shipping options can be confirmed with the quotation. Company information is on the ScienceLab profile page.

Related Laboratory Equipment

The combustion demonstration with Red Phosphorus 50 g is usually set up with: