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Product Name :

Food Colouring Blue

Product Code :

SLE/CH/201



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Description :

Food Colouring Blue (Product Code: SLE/CH/201) is a blue colouring liquid used in science lessons to make the movement of water and other clear liquids visible. Despite its name it is not for food use and is intended for educational purposes only. Teachers use it for convection, capillary and mixing demonstrations, and it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a chemistry and lab consumables supplier in India.

Specifications

Parameter	Detail
Colour	Blue
Capacity	500ml
Intended use	Educational purposes only
Food use	Not for food use

Typical Use

A single drop of blue colouring placed at the bottom corner of a beaker of water, gently heated from below, traces a clear loop as warm water rises and cooler water sinks, which makes convection easy for a whole class to see. The same tinted water drawn up narrow glass tubes of different bores shows capillary rise, and a strip of paper towel dipped into blue water shows liquid creeping upwards through fibres. Blue is also a strong contrast colour against white paper and clear glassware, so readings of liquid levels in tubes and cylinders are easier to take.

Use it diluted: a few drops colour a full beaker, so a 500ml pack lasts across many practical sessions. Keep the bottle clearly labelled as not for food use, store it away from the kitchen or canteen, and wear an apron, since concentrated colouring can stain skin, benches and clothing. Paired with physics lab equipment in India such as convection apparatus, it turns an abstract idea into a visible flow pattern.

Supplier

This product is supplied by Jain Scientific Equipments Private Limited, which operates under the ScienceLab name in Ambala, Haryana, and provides demonstration consumables together with its own teaching apparatus. Learn more on our company profile.

Related Laboratory Equipment

Items that are commonly used with blue colouring in the same demonstrations:

- Apparatus Convection In Liquid — the colouring reveals the circulation path inside the apparatus.
- Capillary Tube Set — tinted water shows the different rise in each tube.
- Dropper Bottle, 10 ml — for dispensing measured drops to student groups.
- Glass Beaker — clear vessel for heating and observing coloured water.

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