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Product Name :

Magnetic Water Kit Class Set

Product Code :

SLE/MG/18



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Description :

Magnetic Water Kit Class Set (Product Code: SLE/MG/18) is a class pack of model water molecules with magnets set into their atom centres, used to teach polarity and hydrogen bonding in secondary and college chemistry lessons. The set holds 6 Magnetic Water Kits in a 6-cup pack with a carrying tray, so six groups can work with their own 3D science model kit at the same time. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Contents	6 Magnetic Water Kits and a carrying tray
Packing	6-cup pack of model water molecules
Model design	Magnets embedded in the atom centres to simulate molecular attraction and repulsion
Topics covered	Polarity, hydrogen bonding, surface tension, solubility, states of matter, crystal structure
Product code	SLE/MG/18
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Magnetic Water Kit Used For?

Water's unusual behaviour comes from its polarity: the oxygen end of each molecule carries a slight negative charge and the hydrogen ends a slight positive charge. In this kit the embedded magnets turn that idea into something students can feel. Turned one way, two model molecules snap together; turned another, they push apart. Groups quickly discover that a hydrogen of one molecule is drawn towards the oxygen of the next, which is the basis of hydrogen bonding.

From there the models support a sequence of lessons. Students can link molecules into an open, ordered arrangement to picture the crystal structure of ice, loosen them into a jumbled cluster for liquid water, and separate them completely for vapour. The same attraction helps explain surface tension and why water dissolves many ionic and polar substances. Keep a short worksheet with each cup so every group records what it observed.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM manufacturer of the Magnetic Water Kit Class Set and produces it at its own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers therefore deal with the maker itself rather than a trading middleman.

If a model molecule or cup goes missing after a busy term, ask us about replacement parts or a repea he comp

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