



Sodium Perborate Monohydrate

PRODUCT DESCRIPTION

Sodium Perborate Monohydrate is a white, free-flowing, crystalline powder that dissolves readily in water and produces an alkaline solution with oxidative properties. When mixed with water, Sodium Perborate reacts, releasing Hydrogen Peroxide. High stability is an exclusive property to this compound. The Hydrogen Peroxide formed by this reaction effectively kills microbes.

APPLICATIONS

Sodium Perborate Monohydrate is a famous oxygen bleach agent. It offers many of the functional benefits as liquid hydrogen peroxide in a stable solid form. Its oxidative power improves the cleaning, bleaching, stain removal and deodorizing performance of powder detergent formulations, all fabric dry bleaches, denture cleaners, automatic dishwasher detergents and various institutional and industrial laundry products.

COMPOSITION

Product Name	Sodium Perborate Monohydrate
Synonyms	Sodium Peroxyborate, Sodium Peroxoborate
CAS No.	10332-33-9
Chemical Formula	$\text{NaBO}_3 \cdot \text{H}_2\text{O}$
Molecular Weight	99.83 g/mole

BELCHEM INDUSTRIES (INDIA) PVT. LTD.

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TECHNICAL DATA

Parameter	Units	Standard Specifications
Active Oxygen	%	Min. 15.0
Bulk Density	g/L	500 - 650
Particle size distribution on 0.85 mm DIN through 0.15 mm DIN	%	≤ 3.0
	%	≤ 10.0
Appearance		White granular solid, free-flowing

STORAGE

Store in a cool, well-ventilated area away from all sources of ignition and out of direct sunlight.
Store in a dry location away from heat and temperatures less than 40°C.

PACKAGING

1000 kg big bag / 25 kg bag.

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