

Sodium Metabisulphite Powder

Description

WATER TREATMENT

Product Code: 350007

DISINFECTANT, ANTIOXIDANT, PRESERVATIVE, AND BALLAST WATER DE-CHLORINATION AGENT

DESCRIPTION

Sodium Metabisulphite Powder is used as a disinfectant, antioxidant, and preservative agent. It is used as a cleaning agent for potable water reverse osmosis membranes in desalination systems. Also used to remove chloramine from drinking water after treatment and as to de-chlorinate ballast waters prior to discharge to the environment.

The solution is readily available from **New Age Chemicals** as [Sodium Bisulphite Liquid 40% solution](#).

USE AND DOSING

De-chlorination: Instructions are based on experience and are meant only as a guide since circumstances for each de-chlorination process vary. They are not intended to interfere with the judgment of the vessel's responsible personnel.

Prepare a 40% solution in water and administer it at a rate of 3.7 ml per cubic meter of solution for every 1 ppm of free chlorine in the water being treated. Use **New Age Chemicals** [Free Chlorine Test Kit](#) to track the decrease in free chlorine levels. For ongoing applications, ensure the use of a suitable storage tank and a chemical dosing pump.

CHARACTERISTICS

Property	Specification
Form	White crystals or crystalline powder
Odour	Sulphurous
CAS No	7681-57-4
Formula	$\text{Na}_2\text{S}_2\text{O}_5$
Purity	>95%
pH (10% solution)	4.5 – 5.5
Solubility	Fully soluble in water
Density	1.20 – 1.36 g/cm ³

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