

PRODUCT SPECIFICATION

Sodium Thiosulphate Pentahydrate Solid

909012



Description: Sodium Thiosulphate Pentahydrate
Use: De-chlorination of Ballast Water
CAS No: 10102-17-7
Formula: $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Quality: Product supplied to these specifications must be of technical grade.

Note: It is strongly advised that supporting documentation or communication in support of the above specification is received from the supplier before progressing supply.

General Properties: (1mg/kg = 1ppm)

Property	Specification
Appearance	White crystalline solid
$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$	99% min.
pH (10% solution)	6.5 to 8.0
Solubility	Soluble in water
Freezing point (30 to 40% solutions)	4 to 6C
Iron	<5.0 mg/kg
Heavy metals	<3.0 mg/kg
Bulk Density	1.20 to 1.30 kg/m ³
Packaging	25kg bag

De-chlorination

Make up a 40% solution in water and apply a dose rate of 9.0ml/m³ of solution for each 1ppm of free chlorine in the water to be treated. Use a suitable free chlorine test kit to monitor reduction in free chlorine levels. For continuous applications, a suitable storage tank and chemical dosing pump should be used.

Product Safety Information

Store in a cool, dry environment Sodium thiosulfate has very low toxicity but routine safety precautions should be practiced. Rubber gloves, safety goggles and protective clothing is recommended. Keep solutions away from heat and direct sunlight as the potential for release of sulphur dioxide fumes exists. Protect solutions from freezing.

The chemical must be properly labeled in compliance with the present national and international laws and regulations concerning transport, health, safety and environment. The supplier must provide a Safety Data Sheet.

Office address: Kjoepmannskjaer, Norway. **Postal address:** P.O. Box 15, N-3141 Kjoepmannskjaer, Norway. Tel.: + 47 33351500. Telefax: + 47 33351505.