

Sodium Thiosulphate Liquid 30%

Description

WATER TREATMENT

Product Code: 350004

NEUTRALIZATION OF TOTAL OXIDANT RESIDUAL TO MEET TARGETED CONTROL GUIDELINE

- Concentrated Formula: Liquid product at 30% concentration
- Neutralizing Agent: Designed to neutralize Total Residual Oxidant (TRO) or Total Chlorine
- Versatile Application: Suitable for use in Electrochlorination or Chlorination-based Ballast Water Treatment Systems

APPLICATION AREAS

Chlorination Ballast Water Treatment System
Electrochlorination Ballast Water Treatment System

PROBLEMS SOLVED

Neutralization of Total Oxidant residual to meet targeted control guideline

DESCRIPTION

Sodium Thiosulfate Liquid 30% is a liquid product containing thiosulfate, designed for use in ballast water treatment systems to neutralize Total Residual Oxidant (TRO) or Total Chlorine. It's equivalent to Sodium Thiosulfate Pentahydrate 50% Solution.

APPLICATION

Sodium Thiosulfate Liquid 30% liquid is used to dechlorinate ballast waters before discharging them into the environment. This process helps to protect marine ecosystems from harmful chemical contamination.

USE AND DOSING

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

To dechlorinate the water, dose **Sodium Thiosulfate Liquid 30%** at a rate of 12.0 milliliters per m³ for each 1 ppm of free chlorine present in the water to be treated. Use **New Age Chemicals Free Chlorine Test Kit** to monitor the reduction in free chlorine levels. For continuous dechlorination

applications, a suitable storage tank and chemical dosing pump should be installed.

PRODUCT PROPERTIES

Property	Specification
Sodium Thiosulphate	30%
pH	7.0 – 9.0
Freezing Point	4 – 6°C
Density	1.25 – 1.34 g/cm ³
Form	Clear to pale yellow liquid