

PRODUCT SPECIFICATION

Sodium Metabisulphite Liquid

909016

Description: Sodium Metabisulphite Liquid
Use: De-chlorination of Ballast Water
CAS No: 7631-90-5
Formula: $\text{Na}_2\text{S}_2\text{O}_5$
Quality: Product supplied to these specifications must meet the requirement for food additive E223 under EC directive 2008 / 84

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	Colourless to yellow liquid
Purity as $\text{Na}_2\text{S}_2\text{O}_5$	38 to 42%
Odour	Sulphurous
pH	4.0
Freezing Point C	4 to 6C
Iron	Not more than 3mg/l
Density	1.35 kg/m ³
Packaging	200Ltr Drum

De-chlorination

Apply a dose rate of 3.7ml/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

Keep away from heat and direct sunlight as the potential for release of sulphur dioxide fumes exists. Protect solutions from freezing.

Sodium metabisulphite liquid has very low toxicity but routine safety precautions should be practiced. Rubber gloves, safety goggles and protective clothing is recommended.

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.