Sodium Hydroxide 50% solution

Description

UREA & TECHNICAL PRODUCTS **Product Code**: 710003

FOR THE DE-SULPHURIZATION PROCESS AND FOR TANK CLEANING â?? ALL SOLUTION GRADES AVAILABLE

Sodium Hydroxide, also known as caustic soda (NaOH), is a highly versatile chemical that is used in a variety of industrial applications. In the maritime industry, caustic soda is commonly used in scrubbers as part of the exhaust gas cleaning process. Also used as additive for tank cleaning processes.

New Age Chemicals offers all solution grades and also **Solid Sodium Hydroxide**.

BACKGROUND

The use of **Sodium Hydroxide** in scrubbers is critical for compliance with regulations such as the International Maritime Organizationâ??s (IMO) MARPOL Annex VI, which sets limits on sulphur emissions from ships. By using **Sodium Hydroxide** in scrubbers, vessels can significantly reduce their emissions and avoid costly fines for non-compliance. Overall, caustic soda plays an important role in the maritime industry by helping to reduce harmful emissions and promote sustainability.

As an additive, it is also used for tank cleaning.

CHARACTERISTICS

Synonyms	Sodium Hydroxide, Lye, White caustic, Sodium hydrate, NaOH
Chemical Formula	NAOH
CAS Number	1310-73-2
pH (50% solution @ 20^{o}C)	14
Melting Point (50% solution @ 20 ^{o}C)	12^{o}C
Boiling Point (50% solution @ 20 ^{o}C)	135^{o}C
Density (50% solution @ 20^{o}C)	1.53 g/cm^{3}
Form	Liquid

USES AND APPLICATIONS

KEY APPLICATIONS	INDUSTRIES
Water treatment	Energy Services
Cleaning products	Pharma
Oilseed extraction	Pulp & Paper
Oil and Gas	Cleaning
Pulp and paper	CASE & Construction
Textile handling	Polymers
Household industrial	Mining
Soaps and detergents	Water Treatment
Bleaching agent	Beauty & Personal Care
	Animal Nutrition
	Food & Nutrition
	Lubricants
	Agriculture
	Chemical Processing
	Rubber

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