

General Description

Caustic soda flakes is obtained from sodium hydroxide - technical grade, by electrolytic process. It is a solid white, hygroscopic, odorless substance. Caustic soda flakes easily dissolves in water, with heat release. The product is soluble in methyl and ethyl alcohols. Sodium hydroxide is a strong electrolyte (completely ionized both in crystalline and solution states). Sodium hydroxide is not volatile, but it rises easily in air as aerosols. It is insoluble in ethyl ether.

Technical Quality Conditions

Characteristics Methods	MU	Values	Test
Appearance	-	Flacks	Visual
Sudlum Hydroxide (NaOH) Min	%	98	STAS 3068
Sudlum Carbonate (Na ₂ CO ₃) Max	%	0.07	STAS 3068
Sudlum Chloride(NaCl) Max	%	0.15	STAS 3068
Iron Oxides (Fe ₂ O ₃) Max	%	0.004	STAS 3068

General Information

Specification		The values of those characteristics are Approximated, and are only for general information and are not art of the technical quality conditions.
pH	Strongly Alkaline	
Boiling Point	1390°C	
Ignition Temperature	Not Ignitable	
Relative Density (Water=1)	2.13 at 25°C	
Melting Point	318°C	

Main Application

Petroleum Industry (petroleum products refining)	Chemical Industry (dyes, water treatment)
Pulp & Paper Industry (wood treatment)	Textile Industry
Metallurgy Industry (alumnia)	Soap & Detergents Industry

Shipping Information

Palletized polyethylene bages of 25 kg (permissible variation +0.2kg)

1 Ton (permissible variation +5 kg) bags made of polypropylene lined with polyethylene

Storage

Keep the products in tightly closed and properly labeled containers. Do not store caustic solid in aluminum container as flammable hydrogen gas can be produced. Caustic soda solid should be stored under dry and cold spaces well-ventilated in order to avoid dust forming and spreading. Never store caustic soda solid together with other group of materials such as: acids and ammonium salts.

Safety Considerations

Please refer to the product Material Safety Data Sheet (MSDS) offering customers help to better satisfy their particular handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations.

Warnings

Caustic soda flakes is highly corrosive hazardous product. Avoid body contact. It is dangerous to eyes and skin. Destroy skin tissues and causes severe chemical burns. Inhalation of dust/mist can cause serious injury to respiratory tract. Ingestion can injure the digestive system

Attention

Information contained in this document is provided to the best our knowledge and experience. Quick Contact For: caustic soda flakes, caustic soda flakes msds, caustic soda flakes india, caustic soda flakes manufacturers in india, caustic soda manufacturers.