

CAS Nº: 1309-48-4

EINECS Nº: 215-185-5

Peso Molecular: 400

Apariencia/color: blanco

Olor: sin olor

Physical properties:

Sodium hidroxide (wt%)	≥ 99.5%	Nickel (Ni ⁺²)	≤ 5.0
Sodium carbonate (Na ₂ CO ₃)	≤ 0,40%	Manganese (Mn ⁺²)	≤ 4.0
Sodium sulfate (Na ₂ SO ₄)	< 200	Silicate (SiO ₂)	≤ 20
Iron (Fe)	< 15	Water insolubles	≤ 200
Sodium chloride (NaCl)	≤ 200	Melting point	318°C
Copper (Cu ⁺²)	≤ 4.0	Boiling point	1390°C
Bulk density	0.85	Water solubility 20°C	Highly soluble

General Information:

Sodium hydroxide flakes manufactured at a concentration greater than 99.6% on a dry basis. It contains no more than 200 ppm of chlorides (NaCl) and 200 ppm of total sulfates. It is used in a wide range of applications, including as a reagent in the manufacture of other sodium compounds, in the extraction of aluminum oxide from bauxite, in the production of soaps and detergents, in the textile industry for mercerizing fibers to achieve greater tensile strength and luster, and in the production of viscose rayon, in petroleum and drilling for pH control in drilling muds, and as a bactericide and calcium remover. It is used in the paper and pulp industries, in the food industry, in petroleum refining, etc.

Handling and Storage:

Use the appropriate balance of personal protection. This product can be added slowly to water or acids with dilution and constant stirring to avoid a violent exothermic reaction. Full protective clothing should be worn. Avoid contact with aluminum, tin, zinc, and alloys containing these metals. Do not mix with strong acids undiluted and stir to avoid violent and explosive reactions (boiling and splashing). Do not remove or deface labels or tags from containers. Always empty and clean containers of all residues before adding the product to avoid a possible explosive reaction caused by the product and an unknown residue.

Packaging:

25 kg palletized bags.

Safety Precautions:

Avoid contact with caustic with any part of the body, as it is corrosive. Avoid getting fumes and dust on your body and eyes, or inhaling them. Wear rubber or PVC gloves to protect your face, goggles to protect your eyes from fumes and vapors, and a PVC suit.

* We hereby certify that the products comply with the following specifications.

SAISA CHEMICALS S.A.

Calle Juan Hurtado de Mendoza nº 15, 28036 Madrid (Spain)

+34 913 459 444 * saixa@saixa.es
www.saixa.es