

i GENERAL DESCRIPTION

Caustic Soda Flakes (also known as sodium hydroxide flakes) is an odorless, white crystalline solid, very hygroscopic, also very soluble in water and alcohol. The formula is NaOH. Technical sodium hydroxide flakes are obtained by evaporating of liquid caustic soda.

Q TECHNICAL QUALITY CONDITIONS

No.	Properties	U.M.	Admissibility conditions
1	Appearance	-	flakes
2	Color	-	white
3	Sodium hydroxide content	%	min. 98
4	Carbonate content expressed as Na ₂ CO ₃	%	max. 0.5
5	Arsenic content (As)	mg/kg	max. 3
6	Lead content (Pb)	mg/kg	max. 0.5
7	Mercury content (Hg)	mg/kg	max. 0.1
8	Insoluble in water and organic matter	-	a 5% solution is completely clear and colorless to faintly colored

A USES

- washing, including fruits and vegetables chemical peel
- production of caramel coloring, chocolate and cocoa processing
- beverages processing
- ice cream thickening agent
- olives softening (by soaking in sodium hydroxide solution)
- scalding poultry
- bakery glazing agent (e.g. pretzels) before baking in order to become crispy
- Scandinavian delicacy "lutefisk"
- gelling agent of egg whites, in the production of "Century" eggs

P PACKING

- polyethylene bags, palletized in polyethylene sheet, 40 bags/pallet, each bag having net weight of 25 kg ± 0,25 kg; the pallet has a net weight of 1000 kg ± 10 kg
- other types of packaging which ensure the qualitative and quantitative integrity of the product

H STORAGE

product is stored and kept in its original package, tightly closed; the storage area must be proper ventilated, protected against humidity, separately from incompatible substances, at temperature up to 60°C

T TRANSPORT

by covered means of transport, in ADR approved vehicles, separately from other incompatible substances