

# SOLID CAUSTIC SODA MICROPEARLS

PDS-1122-0001

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food additives, water treatment, the pharmaceutical industry, etc). The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual properties rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use. Please contact us for further information on grades developed for a specific end-use.

## Product Identification:

Solid Caustic Soda Micropearls are white, odourless, solid.

Sodium Hydroxide	NaOH	ID Number	011-002-00-6
Molecular Weight	40,01	EC Number (EINECS)	215-185-5
CAS Number	1310-73-2	UN Number	1823

For further information on product packaging, handling, transport, storage, shelf life and product properties please consult our website:  
<http://www.solvaychemicals.com/EN/products/causticsoda/Solidcausticsoda.aspx>

## Product Specifications:

Characteristic	Unit	Value	Method of analysis <sup>(1)</sup>
Total Alkalinity (NaOH)	g/kg	≥ 990	Titrimetry (ISO 979 / FCC VI)
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	g/kg	≤ 4	Titrimetry (ISO 3196 / FCC VI)
Sodium Sulphate (Na <sub>2</sub> SO <sub>4</sub> )	mg/kg	≤ 60	Ion chromatography (ASTM E1787)
Sodium Chloride (NaCl)	mg/kg	≤ 70	Ion chromatography (ASTM E1787)
Iron (Fe)	mg/kg	≤ 10	Photometry (ISO 6685)
Arsenic (As)	mg/kg	≤ 3	ICP-AES** (ISO 11885) or colorimetry (FCC VI)
Lead (Pb)	mg/kg	≤ 0,5	(**) Inductively coupled plasma atomic emission spectroscopy
Mercury (Hg)	mg/kg	≤ 0,05	Flameless atomic absorption spectrometry (ISO 5993 / FCC VI)
Heavy Metals* (Pb) (* H <sub>2</sub> S Group)	mg/kg	≤ 20	ICP-AES** (ISO 11885) or precipitation test (ANA-1120-0002) (**) Inductively coupled plasma atomic emission spectroscopy
Insoluble substances and Organic matter		Conform	Visual test (FCC VI)

(1) The product is analysed with the above mentioned methods or using local methods depending on laboratory equipments.

The values of the characteristics of Solid Caustic Soda Micropearls are in compliance with the characteristics of the monograph of the Food Chemicals Codex 7<sup>th</sup> edition as well as with the purity criteria E524 in the directive 2008/84/EC. However this does not mean or imply that Solid Caustic Soda Micropearls is suitable or satisfactory for all food or food related applications. It is the responsibility of the user to determine whether its contemplated use complies with applicable regulations.

## Production Plant:

Tavaux (France).

## Shelf Life:

The recommended shelf life of packaged Solid Caustic Soda Micropearls is two years from packaging date (printed on each bag or bulk bag).

## Please consult our Safety Data Sheet:

[http://www.solvaychemicals.com/Chemicals%20Literature%20Documents/Caustic\\_soda/SDS-1120-66-W-EN\\_WW\\_.pdf](http://www.solvaychemicals.com/Chemicals%20Literature%20Documents/Caustic_soda/SDS-1120-66-W-EN_WW_.pdf)

For other languages than English please contact us.

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