SODASOLVAY®

DENSE SODA ASH

Product Data Sheet

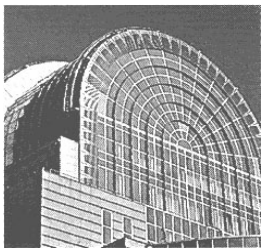
Factories : Devnya, Dombasle, Bernburg, Povoa, Rheinberg, Rosignano, Torrelavega.

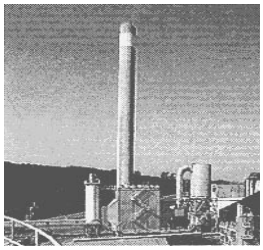
Chemical name	***Sodium carbonate / Soda ash***
CAS – N°	497-19-8
EINECS – N°	207-838-8
EC – N°	011-005-00-2
EC Classification	Irritant
Chemical formula	Na_2CO_3
Molecular weight	106

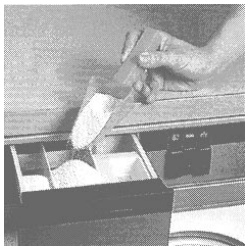
Physical properties

Appearance white powder	
Density in kg/dm³	2,533
Melting point °C	851
Solubility in water at 20°C in g/1000g	214
pH (1 % in water)	11,26

Some applications of this product may be regulated or restricted by national or international standards (e.g. food additives, feedingstuff, water treatment, the cosmetic or 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.







Specification

Chemical analysis

Na_2CO_3	≥ 99 % **(*)**
NaCl	≤ 0,5 %
CaO	≤ 150 ppm
MgO	≤ 150 ppm
Fe_2O_3	≤ 35 ppm
Loss on drying	≤ 0,5 % **(*)**
Free flowing density	> 0,975 kg/dm³ ≤ 1,125 kg/dm³

Granulometry

≥ 2 mm	≤ 1 %
≥ 1 mm	≤ 15 %
≤ 0,125 mm	≤ 15 %

(*) Ex production or after drying (2hrs at 250°C)

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