

LIGHT SODA ASH

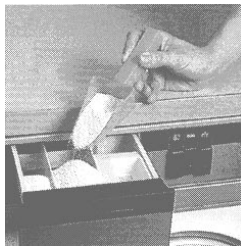
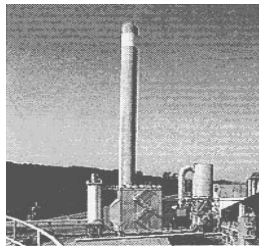
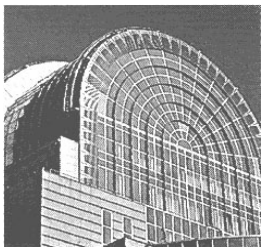
Factories : Devnya, Dombasle, Bernburg, Povia, Rheinberg, Rosignano, Torrelavega.

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 ₂ CO ₃
Molecular weight	106

Physical properties

Appearance white powder	
Density in kg/dm ³	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 ₂ CO ₃	≥ 98 % (*)
NaCl	≤ 0,5 %
CaO	≤ 150 ppm
MgO	≤ 150 ppm
Fe ₂ O ₃	≤ 30 ppm
Loss on drying	≤ 1,5 % (*)
Free flowing density	> 0,45 kg/dm ³ ≤ 0,67 kg/dm ³

Granulometry

≥ 1 mm	≤ 5 %
≥ 0,250 mm	≤ 25 %
≤ 0,125 mm	≤ 90 %
≤ 0,063 mm	≤ 60 %

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

The information contained in this document is given in good faith and by way of information at the time of printing. As the potential uses of our products are many and outside our control, each user is responsible for asking us for information on planned applications, as we cannot be held liable on the basis of general information. The buyer is required to monitor and respect, in his sole liability, the conditions under which our products are stored and used in his territory, to provide all required information to the user, and to respect all existing patents and all regulations applicable to our products and to his activity.

SOLVAY CHEMICALS INTERNATIONAL
Rue du Prince Albert, 44
B-1050 Brussels

Internet: <http://www.solvay.com>

Specification	SPE – C 05.99.10		
Date	11/2009	Issue	01
Replaces		Issue	

