



# بيتروكاس تونس

# PETROCHEM TUNISIA

## Technical Data Sheet

### SODA ASH

Chemical Name: Sodium carbonate	Chemical Formula: Na <sub>2</sub> CO <sub>3</sub>
CAS: 497-19-8	

#### DESCRIPTION

SODA ASH is sodium salt of carbonic acid in form of white powder. It is also known as sodium carbonate and is produced from salt and Limestone.

#### CHEMICAL PROPERTIES

Item	Unit	Specification
Na <sub>2</sub> CO <sub>3</sub>	%	Min. 99,5
NaCl	%	Max. 0,15
Fe <sub>2</sub> O <sub>3</sub>	%	Max. 0,0025
Na <sub>2</sub> SO <sub>4</sub>	%	Max. 0,02

#### PHYSICAL PROPERTIES

Loss on ignition	%	0,5 max.
Water insoluble	%	0,2 max.
Bulk density	kg/m <sup>3</sup>	580-680

#### APPLICATION

SODA ASH is used in fluid systems to increase alkalinity (pH) and to precipitate calcium. It is commonly used since it's an inexpensive alternative to eliminate calcium ions that can severely interfere with the performance of many polymers and bentonites rendering them ineffective.

#### PACKAGING AND STORAGE

SODA ASH can be supplied in 25kg, 50kg bags, 1000kg big bags or in a bulk loads. The Material should be stored in a dry area.