



PRODUCT SPECIFICATION



Chemical formula: NaHCO_3

Chemical name: Sodium Hydrogen Carbonate

Trade name: **SOBIC Tec**

Synonyms: sodium bicarbonate, technical grade

EC: 205-633-8 / **CAS:** 144-55-8 / **REACH:** 01-2119457606-32-0020

Quality parameters	Expressed as		Unit		Guaranteed values	
Sodium Hydrogen Carbonate	NaHCO ₃		%		≥ 99	
Sodium carbonate	Na ₂ CO ₃		%		≤ 0,7	
Iron	Fe		%		≤ 0,002	
Chloride	Cl		%		≤ 0,02	
Sieve analysis:						
Sieve mesh size	FKBD	Standard (NK)	FKBÜ	MKBÜ	Coarse (GKAÜ)	Compacted
mm	%	%	%	%	%	%
< 1,400	-	-	-	-	-	≥ 95
< 0,500	-	≥ 95	-	-	-	-
< 0,315	-	-	-	-	≤ 80	≤ 10
< 0,200	≥ 90	-	≤ 80	≤ 40	-	-
Bulk density kg/dm³	0,95 – 1,20					

Our specifications defined above are valid for the products kept in suitable conditions.

For further information please check the Material Safety Data Sheet for detailed information, like handling and safety details.

APPLICATION

SOBIC TEC is used as additive in detergents, fire extinguisher, in paper and leather industry, as surface cleaning agent. It is an eco-friendly sorbent for dry desulphurization of flue gases with high absorbing capacity.

TRANSPORT AND STORAGE

Sodium bicarbonate should be transported in clean, closed means of transport. The load should be evenly distributed in a manner preventing movement of packages and their mutual damage. Sodium bicarbonate is a hygroscopic substance; product should be stored in sealed container or bag in a dry place away from moisture. Package, bags or big bags should be stored on pallets in no more than 1 layer.

SHELF LIFE

Guaranteed shelf life of SOBIC is 2 years from the production date, when properly stored. After the expiry date, the product must be checked again. If the parameters comply with the requirements, the product can be used further.

CERTIFICATES: ISO 9001|ISO 14001

PACKAGING

- Paper Bags 25 kg
- Big Bags
- Bulk



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for further Information please contact:

CIECH Soda Deutschland GmbH & Co. KG / An der Löderburger Bahn 4a / 39418 Staßfurt
tel. +49 (0) 3925 / 263 0 / sobic@ciechgroup.com / www.ciechgroup.com

