

TECHNICAL GRADE SODIUM BICARBONATE SPECIFICATIONS

Chemical Name	: Sodyum Bikarbonat /
Sodium Bicarbonate Formula	: NaHCO ₃
Molecular Weight	: 84.01 CAS No : 144-55-8
EINECS No	: 205-633-8

Chemical Specifications:		
		Specification
NaHCO ₃	%	99.1 min
Na ₂ CO ₃	%	0.7 max
Cl ⁻	mg / kg	700 max
SO ₄ ⁻²	mg / kg	300 max
Water Insolubles	mg / kg	500 max
Total Fe	ppm	10 max

Physical Properties		
		Specification
Bulk Density	g/cm ³	0.75-1.15
Whitiness	%	L* = 95 min. (CIE Lab)
Appearance	visual	Free flowing white
Particle Size		
+75 micron (µm)	%	20-90
+45 micron (µm)	%	60-100

Standard Packages

- 25 kg polyethylene (PE) FFS bags.
- 1 ton polipropilen (PP) bigbag with inner lining.

Storage Conditions

- Must be stored in a covered warehouse, preferably lower than 30°C and 50% relative humidity and well-ventilated.
- Not recommended to store more than one pallet on other.

Uses

- Chemical industries
- Cleaning compounds
- Dry powder fire extinguishers
- Paper production
- Leather tanning
- Flue gas desulfurization
- Textile processing
- Water and waste water treatment

Transport

- Truck
- Ship

APPROVED BY	CONTROLLED BY	APPROVED BY
QA/QC & HSE MANAGER	MANAGEMENT REPRESENTATIVE	VICE GENERAL MANAGER

Specifications defined above are valid for the products kept in suitable conditions and not further processed. Please check the Material Safety Data Sheet for detailed information, handling and safety details