



APPLICATIONS Industrial

Used throughout Industry, sodium bicarbonate buffers, neutralizes, provides a source of CO₂, and acts as a catalyst in multiple processes.

Fire extinguishers use sodium bicarbonate to smother the flames. Dry chemical extinguishers often contain a fine grade of sodium bicarbonate. The sodium bicarbonate decomposes in the high temperatures and releases carbon dioxide. The carbon dioxide in turn reduces the oxygen supply available to the fire, eliminating it.

Sodium bicarbonate is a vital part of flue gas treatment processes. Dry gas scrubbers use a fine grade of sodium bicarbonate to react with acidic and sulfur pollutants. Sodium bicarbonate is one of the most efficient dry sorbents for flue gas treatment.

In the drilling industry, sodium bicarbonate is used to chemically treat drilling mud when it becomes contaminated with calcium ions from cement or lime. Sodium bicarbonate reacts with calcium ions to produce an inert calcium precipitate that can be removed from the system.



MANY INDUSTRIAL APPLICATIONS FOR SODIUM BICARBONATE EXIST, AND NATURAL SODA'S PRODUCTS ARE USED THROUGHOUT INDUSTRY.

USES

Soda Blasting, chemical processing, drilling, cleaning, fire extinguishers, pulp and paper, foam blowing

AVAILABLE GRADES

Grade	Product Uses
NS Industrial #3	Deodorant powders, dry fire extinguishers, rubber, plastics manufacturing, flue gas treatment
NS Industrial #5 Coarse Granular NS Industrial Grade	Flue gas treatment, leather tanning, oil well drilling fluids, swimming pool treatment, waste water treatment, fire extinguishers



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