



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.

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.

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.



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 gs treatment, leather tanning, oil well drilling fluids, swimming pool treatment, waste water treatment, fire extinguishers



The information herein is believed to be reliable. Natural Soda LLC makes no claims or warranty, expressed or implied, as to stability or performance of its sodium bicarbonate when used in combination with other materials or in specific applications or processes.