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SODIUM BICARBONATE

TRADE NAME

SODABRADE

DESCRIPTION

Sodium bicarbonate is water soluble, environmentally friendly, suitable for open blasting applications where reduced operating dust levels and ease of waste disposal are essential.

FUNCTION

Typical applications include: Cleaning of plant machinery prior to maintenance, removal of paint from locomotives, cars, trucks etc., degreasing of metal vats in food production industry. It will not damage glass, fibreglass or parts like seal, bearings, shafts, pumps, etc.

Sodium bicarbonate breaks down hydrocarbons, which makes soda blasting an excellent method of cleaning engines, engine parts, and other areas where oil and grease are present. Sodium bicarbonate can act as a rust inhibitor, which will leave a protective coating on the surface being cleaned. This allows for time to pass before the surface has to be painted.

TYPICAL CHEMICAL ANALYSIS (full analysis on application)

NaHCO ₃	100%
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TECHNICAL DATA

Hardness	2.5-3 Moh
Specific weight	2.16g/cm ³
Bulk weight	0.96 kg/L
pH	8.2 (1% solution)
Water solubility	8.6g/100ml @ 20°C
Particle shape	Angular
Storage	Dry, sheltered storage conditions
Packaging	25 kg bags

SIEVING RANGE

PERFORMANCE CHARACTERISTICS

Sodium bicarbonate has a non-abrasive action that allows it to be used on surfaces that other abrasive media (sand blasting) would damage i.e.: aluminium, stainless steel, brick, stone, glass, fibreglass, wood, plastic, seals, bearings, splines, radiator cores and hydraulic cylinders.

Does not cause heat build up, sparks, or abrasion to the surface being cleaned.

Water soluble thus environmentally-friendly and safe for disposal.

The Sodabrade abrasive is a soft, water-soluble material that acts as a rust inhibitor prior to coating.