Aquatell Soda Ash Instructions

Soda Ash is a highly alkaline compound which is used for acid-water neutralization and for deep-cleaning anion exchange resins used in tannin and organic-color reduction systems.

Mixing Instructions

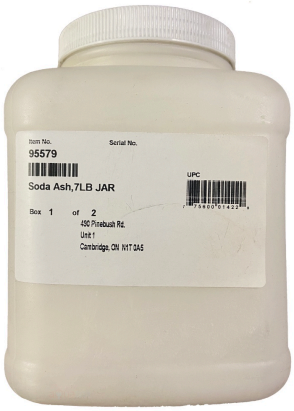
In all soda ash applications, the powdered material needs to be dissolved in water first. The ratio is 1 cup (250mL) of soda ash per 1 quart (just under 1 litre) of water. This solution needs to be mixed well. Protective gloves and eyewear should be worn. The resulting liquid has a very high pH and can be corrosive to skin and eyes. Be careful not to inhale the powdered material.

Applications

For Neutralizing Acidic Water
Acid water neutralization is accomplished by using a chemical feed pump to inject the liquid soda ash solution into a stream of water. This is typically accomplished using a chemical feed pump. The pump rate should be adjusted through experimentation to achieve a resulting pH between 7 and 8.

Cleaning Tannin / Anion / Organic Colour Reduction Systems
The addition of a soda ash solution to these systems causes the ion exchange resin to swell and this permits large molecules to escape the resin. The addition of soda ash solution to these systems can be used to “rescue” fouled systems but is better to be added periodically to prevent excessive fouling.

For this application, 1 quart (approx 1 litre) of prepared soda ash solution should be added to the regenerant tank (aka brine tank) per cubic foot of media.



Part Number: 95579
Formulation: Sodium Carbonate
Description: White Powder
Weight: 7 pounds