

PRODUCT DATA

Soda Ash

Water Treatment Agent

Description Soda Ash is also known as sodium carbonate.

Application Soda Ash is used in most drilling industries.

Properties Soda Ash is a fine white powder.

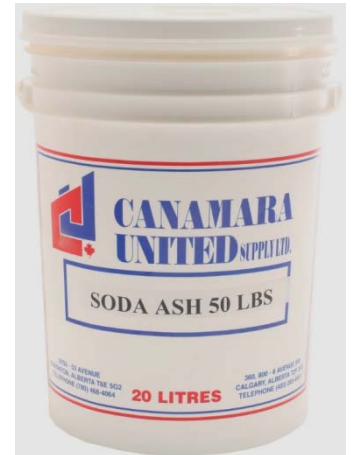
Function Soda Ash is used to precipitate calcium in make up water, which softens the water and elevates the water's pH level prior to mixing mud additives. This is desirable since bentonite and some polymers provide better yield in soft, slightly alkaline water.

Mixing Soda Ash is added directly through the mud hopper prior to mixing drilling fluid additives. In some cases, providing there is sufficient agitation, the Soda Ash is added directly to the mixing tank.

Small quantities of Soda Ash are generally all that is required to treat water. One kg/m³ of Soda Ash will treat out approximately 350 mg/L of calcium ion.

An approximate dosage guideline is one cup of Soda Ash per 100 gal of water. Extremely hard water requires more Soda Ash.

Over-treatment with Soda Ash can result in carbonate alkalinity and excessive gel strengths in bentonite systems.



WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 25 and 40 kg bags 50 lb pail

Physical properties and bioassay information are available on request.

