

# Drilling Fluids - Soda Ash

## Soda Ash



Product Number: 9410009

### Advantages

- Widely available
- Economical
- Increases pH
- Effectively removes calcium in most drilling fluids
- Effective flocculant for spud muds

SODA ASH is used to reduce soluble calcium in water-base drilling muds. It is also used to increase pH and to flocculate spud muds. Soda ash is the common name for sodium carbonate ( $\text{Na}_2\text{CO}_3$ ). It is a weak base which is soluble in water and dissociates into sodium (Na) and carbonate ( $\text{CO}_3$ ) ions in solution.

### Typical Physical Properties

Physical appearance	white powder
Specific gravity	2.51
pH	11.4

### Packaging and Storage

Soda ash is supplied in 50 lb paper sacks.

