



NaCl

Sodium Chloride



PRODUCT DESCRIPTION

Sodium chloride is the most economical way to build density and inhibit reactive shale in a water-based system. Saturated NaCl brine also prevents washouts when drilling through salt sections, where a fresh-water fluid would dissolve the formation out from under the bit.

TYPICAL SPECIFICATIONS

PROPERTY	VALUE	BASIS
Chemical formula	NaCl	Per standard
NaCl purity	99% minimum typical	Typical
Grades available	Fine · Medium · Coarse granulation	Typical
Water insolubles	0.05% maximum typical	Typical
Moisture	0.5% maximum typical	Typical
Max brine density achievable	≈10.0 lb/gal saturated	Typical

PRINCIPAL INDUSTRIAL APPLICATIONS

- Drilling & Completion Fluids**
Builds fluid density, inhibits shale hydration and swelling, and prevents salt-section washout in saturated brine systems.
- Water Treatment**
Regenerates ion-exchange resin in commercial and industrial water softening systems.
- De-Icing & Industrial**
Road and site de-icing, plus a feedstock for chlor-alkali and general industrial process chemistry.

PACKAGING & AVAILABILITY

- 50 lb bags

HANDLING & STORAGE

Non-hazardous. Store dry — salt is hygroscopic and will cake if exposed to humidity. Corrosive to carbon steel in solution.

A Safety Data Sheet (SDS) is available for this product on request and should be reviewed before handling.

ORDERING & TECHNICAL SUPPORT

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IMPORTANT NOTICE

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