



# Sodium Carbonate



## PRODUCT DESCRIPTION

Soda ash is one of the highest-tonnage industrial chemicals in the world, and for good reason: it lowers the melting point of silica in glassmaking, precipitates calcium hardness out of water, and provides alkalinity across dozens of processes. In drilling, it is the standard treatment for calcium contamination from cement or gypsum.

## TYPICAL SPECIFICATIONS

| PROPERTY                        | VALUE                              | BASIS        |
|---------------------------------|------------------------------------|--------------|
| Chemical formula                | $\text{Na}_2\text{CO}_3$           | Per standard |
| $\text{Na}_2\text{CO}_3$ purity | 99.2% minimum typical              | Typical      |
| Grades available                | Dense · Light                      | Typical      |
| Appearance                      | White granular or powder           | Typical      |
| Bulk density, dense grade       | 60 – 65 lb/ft <sup>3</sup> typical | Typical      |
| Moisture                        | 0.5% maximum typical               | Typical      |

## PRINCIPAL INDUSTRIAL APPLICATIONS



### Glass Manufacturing

Lowers the melting point of silica, cutting furnace energy demand — the single largest global use of soda ash.



### Water Treatment

Softens water by precipitating calcium hardness, and supplies alkalinity for pH correction in municipal and industrial systems.



### Drilling Fluids

Standard treatment for calcium contamination from cement or gypsum, restoring mud properties after drilling out.

## PACKAGING & AVAILABILITY

- 50 lb bags

## HANDLING & STORAGE

Alkaline irritant — avoid eye contact and dust inhalation. Store dry; soda ash absorbs moisture and CO<sub>2</sub> from air and will cake.

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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### MEXICO

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## IMPORTANT NOTICE

The information in this data sheet is provided in good faith and is believed accurate at the date of issue. Values marked "Typical" represent commercial norms and are not a specification; the certificate of analysis for your specific shipment governs. Values marked "Per standard" are requirements of the cited standard. Mix Minerals makes no warranty, express or implied, regarding suitability for any particular application. The user is responsible for determining suitability and for safe handling in accordance with the applicable Safety Data Sheet.