

# Sodium Chloride

## Technical Information

Bulletin 6100 | 2025

**Brand Name:** Sodium Chloride  
**Chemical Name:** Sodium Chloride  
**Also known as:** Solar Salt, Rock Salt, Saline  
**Formula:** NaCl  
**Molecular Weight:** 58.44  
**CAS / TSCA No.:** 7647-14-5  
**Description:** Crystalline, granular  
**Grades:** Standard

If you require guidance in developing product specifications, please contact Quality Assurance at [qaclerk@svminerals.com](mailto:qaclerk@svminerals.com)

## Properties

Chemical Analysis	Typical Range	Physical Analysis	Typical Range
<i>U.S. Standard Sieve No. (% cum. retained)</i>			
Sodium Chloride (NaCl), <i>dry basis</i>	98 - 99 %	+ 1/2"	0 - 5 %
Sodium Chloride (NaCl)	97 - 99 %	+ 3/8"	0 - 8 %
Sulfate ( <i>as SO<sub>4</sub></i> )	0.2 - 0.8 %	+4	8 - 48 %
Calcium (Ca)	10 - 20 ppm	+8	35 - 86 %
Total Iron (Fe)	3 - 6 ppm	+12	53 - 94 %
Water (H <sub>2</sub> O)	1 - 2 %		
		Bulk Density ( <i>poured</i> )	56 - 70 lbs/ft <sup>3</sup>

**Note:** All data in the above specification are determined by Searles Valley Minerals analytical methods.

Packaging	Handling
<b>Bulk :</b> Trucks	Information concerning the handling and use of this product is provided in a safety data sheet (SDS). The SDS must be fully read and understood prior to any exposure, handling, or use of the product.

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