

The information and data contained in this document were prepared by a technical committee of the Association. The committee and the Association assume no liability or responsibility in connection with the use of such information or data, including but not limited to any liability under patent, copyright, or trade secret laws. The user is responsible for determining that this document is the most recent edition published.

Specific gravity of sodium chloride solutions

Scope

This Technical Information Paper presents the specific gravity (and density) of sodium chloride (salt) solutions as a function of sodium chloride concentration in water.

Safety precautions

Not applicable.

Keywords

Specific gravity, Density, Sodium chloride, Salt, Physical properties, Chemical preparation, Chlorine dioxide generation, Bleaching

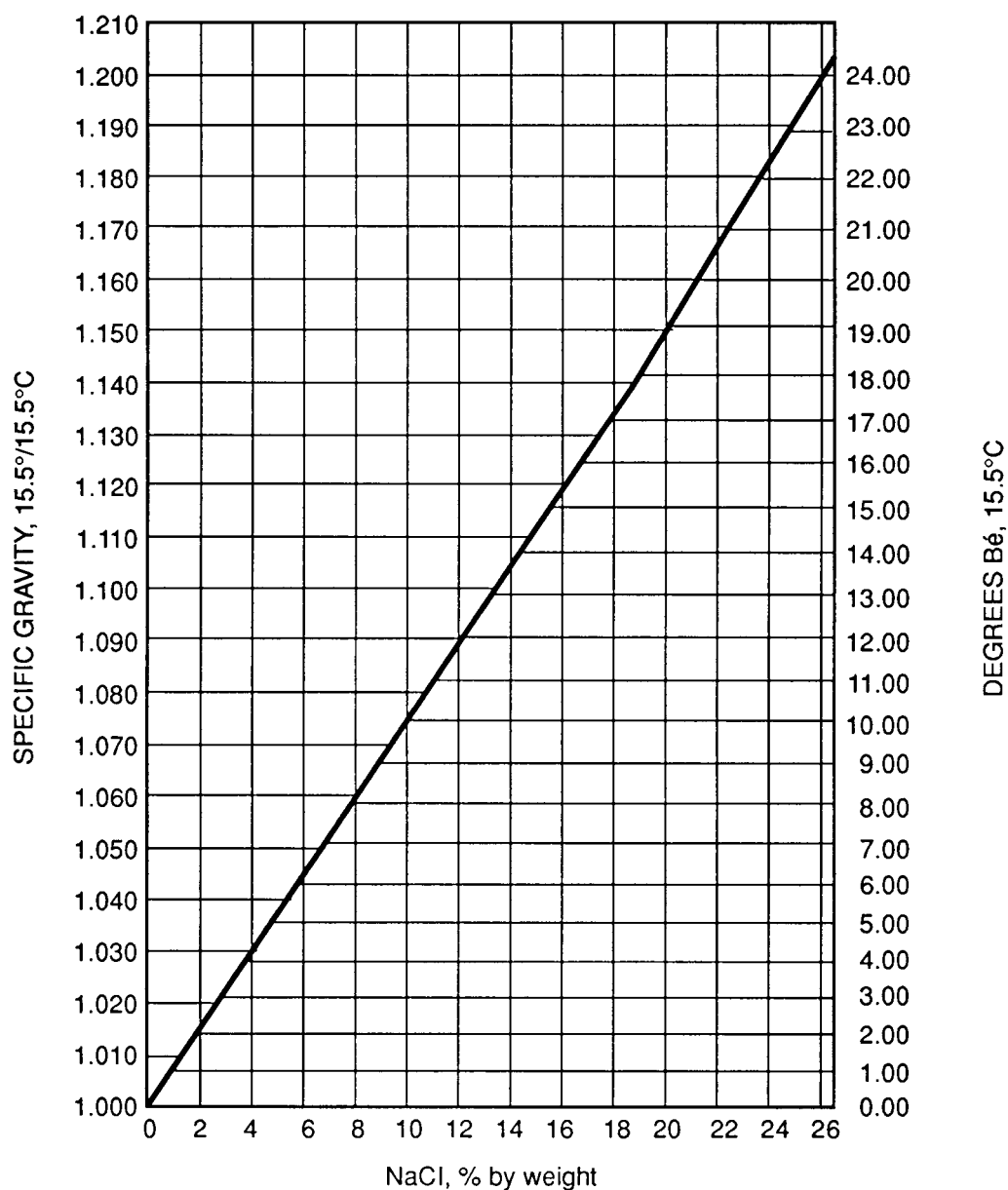
Additional information

Note: Specific gravity is the ratio of the density (weight per unit volume) of a substance to that of a reference material, usually water. For this case, the specific gravity of a sodium chloride solution is numerically equal to its density. Thus, the density of a sodium chloride solution may be read directly from the graph as grams per milli-liter, or kilograms per liter, etc.

Effective date of issue: July 18, 2002

Working group members:

Dan Blevins - Chairman, Dow Chemical
Phil Quinnett, Oline Chemicals
David Fletcher, EKA Chemicals



Source: International Critical Tables.

