

# Product Specification

## Product Name: SODIUM CHLORIDE AR

Alternate Name(s) Table salt; sea salt; halite; rock salt.

### Description

White solid. Hygroscopic.

### Properties

Chemical Formula: NaCl

Molecular Weight: 58.44

Product Code: SA046

CAS No.: 7647-14-5

### General Information:

Soluble in glycerol. Slightly soluble in alcohol. Incompatible with strong acids and oxidising agents. Non combustible material; emits toxic fumes under fire conditions.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH69

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0 - 100.5%

### Specific Properties and Impurities [Typical levels]:

pH of a 5% solution	5.0-9.0
Insoluble matter	0.005%
Iodide (I)	0.002%
Bromide (Br)	0.01%
Chlorate and nitrate (as NO <sub>3</sub> )	0.003%
Phosphate (PO <sub>4</sub> )	0.0005%
Sulfate (SO <sub>4</sub> )	0.004%
Heavy metals (as Pb)	0.0005%
Aluminium (Al)	0.00002%
Arsenic (As)	0.0001%
Barium (Ba)	Passes test
Calcium (Ca)	0.002%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.001%
Potassium (K)	0.005%

CONFORMS TO ACS

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