



Product Specification

Product Name: SODIUM SULFATE Decahydrate LR

Alternate Name(s) Glauber's salt; salk cake; Bisodium sulfate.

Description

Colourless to white crystals, granules or powder; odourless; saline taste.

Properties

Chemical Formula:

Molecular Weight: 322.13

Product Code: SL066

CAS No.: 7727-73-3

General Information:

Soluble in water, glycerol, hydrogen iodide; insoluble in alcohol. Incompatible with strong mineral acids and bases.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH6Q

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Typical Assay: 98.5% min

Specific Properties and Impurities [Typical levels]:

Solubility in water	420 g/l @ 20°C
Melting point	32.4°C
pH (5%, H ₂ O)	5.2 - 9.2
Acidity/alkalinity	Passes test
Chlorides (Cl)	0.02%
Heavy metals (as Pb)	0.001%
Calcium (Ca)	0.005%
Iron (Fe)	0.004%
Magnesium (Mg)	0.01%

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