



# Product Specification

## Product Name: AMMONIUM SULFATE LR

Alternate Name(s) Ammonium sesquicarbonate

### Description

White crystalline powder

### Properties

Chemical Formula:  $(\text{NH}_4)_2\text{SO}_4$

Molecular Weight: 132.14

Product Code: AL014

CAS No. 7783-20-2

### General Information:

Soluble in water; insoluble in alcohol and acetone.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH16

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0% min.

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

Melting point 513°C (with decomp.)

Heavy metals (as Pb)  $\leq 0.005\%$

Water content (H<sub>2</sub>O)  $\leq 0.2\%$

Iron (Fe)  $\leq 0.007\%$

Water insoluble matter  $\leq 0.01\%$

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