



Product Specification

Product Name: SODIUM PEROXIDE AR

Alternate Name(s)

Description

Pale yellow coarse powder or granules. Ensure complete protection of package contents from damp.

Properties

Chemical Formula:

Molecular Weight: 77.98

Product Code: SA111

CAS No. 1313-60-6

General Information:

Reacts vigorously with water, evolving oxygen and intense heat and producing a corrosive alkaline solution. Contact with organic or combustible material may cause fire, or may form explosive mixtures.

Hazard and Safety Data

UN Group: I
Class: 5.1
UN Number: 1504
Hazchem code: None Allocated
CS MSDS Code: 1CH6O
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: 28

Quality Specification

Assay: 95.0% min.

Specific Properties and Impurities [Typical levels]:

Chloride (Cl)	≤ 0.002%
Nitrogen (N)	≤ 0.003%
Phosphate (PO ₄)	≤ 0.0005%
Sulfate (SO ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.002%
Sodium carbonate (NaCO ₃)	≤ 0.5%
Iron (Fe)	≤ 0.005%
Particle size (beads)	0.8 - 2 mm

CONFORMS TO ACS

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