



Product Specification

Product Name: AMMONIUM DICHROMATE LR

Alternate Name(s) Ammonium bichromate.

Description

Orange crystals or powder. Odourless. Decomposes with slight heating.

Properties

Chemical Formula: $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$

Molecular Weight: 252.07

Product Code: AL012

CAS No. 7789-09-5

General Information:

Incompatible with combustible material, powdered metals and strong acids. Decomposition becomes self-sustaining at $\sim 225^\circ\text{C}$ with swelling and evolution of heat. Toxic if swallowed and inhaled. Oxidising.

Hazard and Safety Data

UN Group: II
Class: 5.1
UN Number: 1439
Hazchem code: 2X
CS MSDS Code: 1CH0Z
Poison schedule: S6
Emergency
Procedure Guide No.: 31

Quality Specification

Assay: 97.0 % min.

Specific Properties and Impurities [Typical levels]:

Chloride (Cl) $\leq 0.01\%$
Sulfate (SO₄) $\leq 0.06\%$

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