



Product Specification

Product Name: IRON(III) OXIDE LR

Alternate Name(s) Ferric oxide; Jewellers' rouge; Iron oxide pigment; Iron sesquioxide; C.I. 77491; Iron oxide red.
Description
Reddish-brown powder or lumps.

Properties

Chemical Formula: Fe_2O_3
Molecular Weight: 159.70

Product Code: FL012
CAS No. 1309-37-1

General Information:

Insoluble in water. Incompatible with aluminium, calcium hypochlorite, caesium carbide, hydrazine and ethylene oxide. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH3E
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 94.0% min.

Specific Properties and Impurities [Typical levels]:

Water content	≤ 0.5%
Water soluble salts	≤ 0.8%
Colour index	101
325 Mesh retention	1.0%
pH Value	3.0
Specific Gravity	4.9
Melting Point	1565 °C

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