



# Product Specification

## Product Name: MANGANESE DIOXIDE LR

Alternate Name(s) Manganese binoxide; manganese peroxide; manganese black; battery manganese; manganese (IV) oxide; manganese superoxide; pyrolusite.  
Description  
Grey to black powder.

### Properties

Chemical Formula:  $MnO_2$   
Molecular Weight: 86.94

Product Code: ML017  
CAS No.: 1313-13-9

### General Information:

Insoluble in water. Insoluble in nitric and cold sulfuric acids. Incompatible with reducing agents and organic matter. Not combustible but assists combustion of other substances.

### Quality Specification

Assay: 90% min.

### Specific Properties and Impurities (Typical levels):

Insoluble in HCl	3.5%
Loss on drying (105°C)	3.0%
Iron (Fe)	1.0%

### Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	N/A
CS MSDS Code:	3CH1Z
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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