



# Product Specification

## Product Name: MANGANESE DIOXIDE AR

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: MA017  
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: 97.0% min.

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

Lead (Pb) 0.01%  
Acid insoluble matter 0.2%

### Hazard and Safety Data

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

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