

**Product Name:** Magnesium perchlorate, ACS  
**Catalog Number:** 011636.36

**CAS Number:** 10034-81-8  
**IUPAC Name:** magnesium(2+) diperchlorate  
**Molecular Formula:** Cl<sub>2</sub>MgO<sub>8</sub>  
**Molecular Weight:** 223.20  
**InChI Key:** MPCRDALPQLDDFX-UHFFFAOYSA-L  
**SMILES:** [Mg++].[O-][Cl](=O)(=O)=O.[O-][Cl](=O)(=O)=O  
**Synonym:** magnesium perchlorate

### Product Specification

**Free base (titration):** 0.025meq/g  
**Comment:** Suitability for moisture absorption P.T.  
**Free acid (titration):** 0.005meq/g  
**Loss on Drying:** at 190? 8.0%

**Date Of Print:** 05/09/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*