GFS Chemicals is a primary and global manufacturer of magnesium perchlorate. GFS is a primary domestic manufacturer of magnesium perchlorate, also known affectionately around the company as "Magy." GFS has been manufacturing magnesium perchlorate since the 1920's at its production facility in Columbus, Ohio. In fact, you could say that GFS Chemicals wrote the book (or at least the article!) on its application as a dessicant. We have a state of the art dry room complete with oven capacity dedicated to the drying and packaging of this material. Magy is available in gram through metric ton quantities. We also offer our anhydrous material in different mesh sizes to fit your application.

Contact Robert Kramer at 614-224-5345 extension 360 or rkramer@gfschemicals.com for a quote or additional information.

USES: Magnesium perchlorate finds use as a dessicant as well as a powerful oxidizing agent.

TRADE NAME: Anhydron
e

GFS ITEMS
Item 589 MAGNESIUM PERCHLORATE, SOLUTION
Item 56 MAGNESIUM PERCHLORATE, HYDRATED, REAGENT
Item 54 MAGNESIUM PERCHLORATE, ANHYDROUS, REAGENT (ACS)
Magnesium perchlorate in powder form.
Item 55 MAGNESIUM PERCHLORATE, ANHYDROUS, REAGENT (ACS)
Magnesium perchlorate in 10-20 mesh (840 – 2000 µm) particle size suitable for drying gases.

FORMULA: Mg(ClO₄)₂. 
CAS#: 10034-81-8
F.W.: 223.23
NFPA#: 1-0-3
DOT: 5.1/II
EC Number 233-108-3
MDL number MFCD00011102
PubChem Substance ID 24853322

CATEGORIES: 
ACS Grade Magnesium compounds
Chemical Synthesis Oxidizing Agents
Essential Chemicals Perchlorates
Inorganic Salts Research Essentials
Solutions and Reagents Synthetic Reagents

REFERENCES: 
http://pubs.acs.org/doi/abs/10.1021/ja01431a022
1. THE PREPARATION AND PROPERTIES OF MAGNESIUM PERCHLORATE AND ITS USE AS A DRYING AGENT
H. H. Willard , G. Frederick Smith 
J. Am. Chem. Soc., 1922, 44 (10), pp 2255–2259
DOI: 10.1021/ja01431a022
Publication Date: October 1922