

INDUSTRIAL  
CHEMICALS  
DIVISION



Bulletin 17-2E

# Typical Property Data for PQ<sup>®</sup> Magnesium Sulfate Products

PQ's Magnesium Sulfate Products are available as Technical, Agricultural, and USP grades of Magnesium Sulfate Heptahydrate (Epsom Salt) and as 20-27% Magnesium Sulfate solutions in water. PQ Magnesium Sulfate Products are used in a wide array of agricultural, consumer, and pulp & paper applications. For additional information, see our website: [www.PQCorp.com](http://www.PQCorp.com) and [www.EpsomSaltCouncil.org](http://www.EpsomSaltCouncil.org)

PQ Magnesium Sulfate has the typical property data shown below. USP grade Magnesium Sulfate Heptahydrate conforms with current US Pharmacopeia specifications. The properties and ranges shown are typical values, not manufacturing specifications. For more information, please contact PQ Technical Service at 416-201-4355.

## PQ CORPORATION

### CORPORATE HEADQUARTERS

PO Box 840  
Valley Forge, PA 19482-0840  
Phone: 800-944-7411

### IN CANADA

National Silicates  
Phone: 416-255-7771

### IN MEXICO

Silicates y Derivados, S.A.  
Phone: 0-52-555-227-6801

### IN EUROPE

PQ Europe  
Technical Service Europe  
Tel: +31 434099333  
Fax: +31 434094165

### IN AUSTRALIA

PQ Australia Pty. Ltd.  
Phone: 61-3-9708-9200

### IN TAIWAN

PQ Silicates Ltd.  
Phone: 886-2-2383-0515

Although the information and suggestions in this brochure ("information") are believed to be correct, PQ Corporation makes no representations or warranties as to the completeness or accuracy of the information. The information is supplied upon the following conditions: The persons receiving the information will determine its suitability for their purposes; PQ Corporation will not be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon, the information or the materials, devices or products to which the information refers; No information is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent; PQ Corporation makes no representation or warranty, express or implied, that the use thereof will not infringe any patent; and NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE MATERIALS, DEVICES OR PRODUCTS TO WHICH THE INFORMATION REFERS.

Copyright © 2012 by PQ Corporation.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the publisher and copyright holder.

## PQ Magnesium Sulfate Heptahydrate (Epsom Salt)

|   |                            |
|---|----------------------------|
| Appearance                                    | White crystals             |
| Assay for MgSO <sub>4</sub> % (ignited basis) | Min 99.0%                  |
| Loss on Ignition (LOI), %                     | Max 52.0                   |
| MgSO <sub>4</sub> % (as is)                   | 49.0%                      |
| Bulk Density                                  | 59 (±5) lb/ft <sup>3</sup> |

