

IXPER[®] 30MG Magnesium Peroxide Granules is a product based on our commercial grade IXPER[®] 35M.

For detailed information on the applications of Magnesium Peroxides, please contact your local Solvay office, or visit our website www.solvayixper.com.

Standard Sales Specification

Characteristics of the Product

Content	Unit	Value	Methods of Analysis
Magnesium Peroxide (*)	Weight %	Min 30.0	SI-Ho/AA-Nr. 8.3
Available Oxygen	Weight %	Min. 8.53	SI-Ho/AA-Nr. 8.3
Appearance		White odourless granules	Visual Inspection
Particle size 500-2000 µm	Weight %	>90	SI-Ho/AA-Nr. 8.20

* this data can be provided in the certificate of analysis

Packaging

IXPER[®] 30MG is sold in 25 kg cardboard boxes with PE inliner and 50 kg fiberboard drums with PE inliner.

Please consult SOLVAY for any further information relating to the product or options for supply.

Identification

Magnesium Peroxide	MgO ₂
Molecular weight	56.3
CAS number	1335-26-8
EC (EINECS) number	215-627-7

Physico-Chemical Properties

IXPER[®] 30MG Magnesium Peroxide Granules is a white and odourless product which is slightly soluble in water.

Magnesium Peroxide shows a very high intrinsic stability.

Characteristic	Unit	Value
Bulk Density	Kg/l	0.90 ± 0.10
pH		10.3 ± 0.4
Decomposition Temperature	°C	>350

Storage

Magnesium Peroxide should be stored in a dry area.

Packed Magnesium Peroxide should be stored in the original packaging unit, in a cool, ventilated area where the packages are protected from direct sunlight.

Keep Magnesium Peroxide away from reactive products.

Under these conditions the recommended shelf life of the product is 2 years.

Contact your supplier to obtain more detailed information.

Safety

Personnel working with IXPER[®] 30MG should be familiar with safety and handling procedures and should always wear the correct personal protective equipment.

IXPER[®] 30MG may cause fire in contact with combustible materials.

In case of contact with eyes, always rinse with plenty of water and consult a doctor.

In case of contact with skin, rinse with plenty of water and, if symptoms persist, consult a doctor.

Detailed safety information is available in the MSDS (material safety data sheet).

Transport

IXPER[®] 30MG is not subjected to any transport regulation.

To our present knowledge, the information contained herein is accurate as of the date of this document. However, neither SOLVAY nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use, the manner of use in compliance with relevant legislations and whether any patents are infringed. Solvay reserves its right to make additions, deletions, or modifications to the information at any time without prior notification