

IXPER[®] 25M is a Magnesium Peroxide powder used in a wide range of applications in environmental and oil drilling markets.

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 25.0 Typical value: 28.0 ± 2.0	SI-Ho/AA-Nr. 8.3
Available Oxygen	Weight %	Min. 7.1 Typical value: 8.0 ± 0.6	SI-Ho/AA-Nr. 8.3
Appearance		White odourless powder	Visual Inspection
Moisture	Weight %	< 1	SI-Ho/AA-Nr. 8.12
pH		10.8 ± 0.4	SI-Ho/AA-Nr. 8.14

* this data can be provided in the certificate of analysis

Packaging

IXPER[®] 25M is sold in 25 kg cardboard with PE inliner or fiberboard drums with PE inliner and in big bags.

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[®] 25M is a fine, white and odourless powder which is slightly soluble in water. Magnesium Peroxide shows a very high intrinsic stability.

Characteristic	Unit	Value
Bulk Density	Kg/l	0.60 ± 0.10
Particle size < 100 µm	%	> 95
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[®] 25M should be familiar with safety and handling procedures and should always wear the correct personal protective equipment.

IXPER[®] 25M 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[®] 25M is not subjected to any transport regulation.

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