

IXPER[®] 70CG Calcium Peroxide Granules are a product based on our commercial grade IXPER[®] 75C.

For detailed information on the applications of Calcium 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
Calcium Peroxide (*)	Weight %	Min 70.0	SI-Ho/AA-Nr. 8.3
Available Oxygen	Weight %	Min. 15.5	SI-Ho/AA-Nr. 8.3
Appearance		White yellowish, 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[®] 70CG is sold in 25 kg cardboard boxes and in 50 Kg fiber drums with PE inliner.

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

Identification

Calcium Peroxide	CaO ₂
Molecular weight	72.1
CAS number	1305-79-9
EC (EINECS) number	215-139-4

Physico-Chemical Properties

IXPER[®] 70CG Calcium Peroxide Granules is a yellowish and odourless product which is slightly soluble in water.

Calcium Peroxide shows a very high intrinsic.

Characteristic	Unit	Value
Bulk Density	Kg/l	0.90 ± 0.10
pH		11.7 ± 0.4
Decomposition Temperature	°C	>350

Storage

IXPER[®] 70CG should be stored in a dry area.

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

Keep Calcium 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[®] 70CG should be familiar with safety and handling procedures and should always wear the correct personal protective equipment.

IXPER[®] 70CG 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

UN Code	1457
ADR/RID Class	5.1
Packing group	II
Hazard label	5.1
Placard	50/1457

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