

1. Product name

Trade name:BELENUS®

Substance name:Polyhalite (natural), hydrated potassium, magnesium and calcium sulphate mixed with calcium carbonate

Chemical formulae:K₂MgCa₂[SO₄]₄ · 2H₂O
CaCO₃

2. Classification

Polish Classification of
Products and Services:20.15.59.0

CN:3104.90.00

3. Parameters

No.	PARAMETER	UNIT	VALUE
1.	Form	-	Granules
2.	Water-soluble potassium content, calculated as K ₂ O	%	12
3.	Total calcium content, calculated as CaO	%	19
4.	Water-soluble calcium content, calculated as CaO	%	7
5.	Total magnesium content, calculated as MgO	%	5.5
6.	Water-soluble magnesium content, calculated as MgO	%	5
7.	Total sodium content, calculated as Na ₂ O	%	6.5
8.	Water-soluble sodium content, calculated as Na ₂ O	%	5.5
9.	Total sulphur content, calculated as SO ₃	%	42
10.	Water-soluble sulphur content, calculated as SO ₃	%	38
11.	Granulometry: Granules passing through the 2- 5mm sieve	%	98

ANALYTICAL METHODS IN ACCORDANCE WITH THE CURRENT LEGISLATION

4. Classification

Classification of the product according to Regulation of the European Parliament and of the Council (EC) No. 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006 (Official Journal of the EU no. 1.353 of 31 December 2008).

Not classified:

CAS no.: 15278-29-2 - **polyhalite (natural)**
ECHA no.: 604-869-2

CAS no.: 471-34-1 - **calcium carbonate**
ECHA no.: 207-439-9

5. Transport

The product may be transported by any means of transport provided that the product is protected against damage to packaging, movement and the weather. Before each loading, it is mandatory to check the cleanliness of the load beds of the vehicles which will carry out the transport.

Number of layers during loading:

Big Bag net 500kg	-	1
Bags net 25kg	-	8

6. Storage

The fertiliser should be stored in a dry place away from sunlight, in a temperature range from 0°C to +30°C, taking care not to allow the product to freeze and protecting it from negative temperatures. Keep out of the reach of children, pets and livestock, away from water and food sources.

Number of layers during storage:

Big Bag net 500kg	-	2
Bags net 25kg	-	16

7. Shelf life and warranty

The manufacturer guarantees the suitability of the fertiliser for a period of 2 years from the date of manufacture, subject to compliance with the storage and transport rules. Under the conditions described, the product does not lose its fertilising properties.