**I. Product name: GRANULATED SUPERPHOSPHATE 18**

**II. Type of fertilizer: GT P 18**

**III. Classification: PKWiU 20.15.41.0 CN 3103 19 00**

**IV. UFI code: Not applicable**

**V. Parameters:**

| Contents[%] | | symbol | Forms / Solubility | Tolerances |
|---|---|---|---|---|
| 18,0 | | P2O5 | TOTAL PHOSPHORUS PENTOXIDE | +/- 2.0 |
| | 12,0 | P2O5 | WATER-SOLUBLE PHOSPHORIDE PENTOXIDE | +/- 2.0 |
| | 16,0 | P2O5 | PHOSPHORUS PENTOXIDE SOLUBLE IN NEUTRAL AMMONIUM CITRATE SOLUTION | +/- 2.0 |
| 28,0 | | CaO | TOTAL CALCIUM OXIDE | + 4 / -2 |
| 33,0 | | SO3 | TOTAL SULFUR TRIOXIDE | + 4 / -2 |

**VI. Other parameters:**

| | |
|---|---|
| Calcium oxide soluble in water Cao | Approx. 19 % |
| Water-soluble sulfur trioxide $SO_3$ | Approx. 23 % |
| Form | Granules |
| Granulometry | Fraction 2-5.6 mm min. 90% |
| Bulk density | 1,000-1,100 kg / dcm3 |

| CONTAMINATION | TYPICAL LEVEL |
|---|---|
| Cadmium | < 60 mg/kg $P_2O_5$ d.m. |
| Chrome VI | < 2 mg/kg d.m. |
| Total chromium | <100 mg/kg |
| mercury | <0.1 mg/kg d.m. |
| nickel | <40 mg/kg d.m. |
| lead | <40 mg/kg d.m. |
| arsenic | <30 mg/kg d.m. |
| Perchlorate | Absence of presence in the fertilizer product |
| copper | < 100 mg/kg d.m. |
| zinc | < 500 mg/kg d.m. |

**VII. Transport:**

It can be transported by any means of transport, provided that the product is secured against movement and weather conditions. The fertilizer is not subject to the provisions of ADR. Means of transport should be dry and tight. Protruding parts (e.g. hooks, nails) should be secured so as not to damage the packages.

The number of loading layers:

- bags 50 kg - max. 8
- flexible containers - max. 2

## VIII. Storage

Fertilizer in packages:
Store in unit packages, provided that they are protected against direct weather conditions.

Number of storage layers:

- bags50 kg - max. 16
- flexible containers - max.3

The fertilizer in bulk can be stored in piles formed on a hardened impermeable surface, after prior covering with waterproof material or in airy, roofed rooms.

## IX. Shelf life

Fertilizer in packages:
The product in its original packaging, in dry conditions, does not lose its fertilizing properties.

Fertilizer delivered loose:
The product does not lose its fertilizing properties under the conditions of transport and storage.