

- I. **Product name:** OPTIPLON® 8-20-30
- II. **Type of fertilizer:** GZ NPK 8-20-30
- III. **Classification:** PKWiU: 20.15.71.0, CN: 3105 20 90
- IV. **UFI code:** -
- V. **Parameters:**

Contents[%]	symbol	Forms / Solubility	Tolerances
8,0	N	TOTAL NITROGEN	+/- 1.9
8,0	N	AMMONIUM NITROGEN	+/- 1.9
20	P ₂ O ₅	TOTAL PHOSPHORUS PENTOXIDE	+/- 1.9
16	P ₂ O ₅	WATER-SOLUBLE PHOSPHORIDE PENTOXIDE	+/- 1.9
18	P ₂ O ₅	PHOSPHORUS PENTOXIDE SOLUBLE IN NEUTRAL AMMONIUM CITRATE SOLUTION	+/- 1.9
30.0	K ₂ O	POTASSIUM OXIDE SOLUBLE IN WATER	+/- 1.9

VI. **Other additional information**

Contains calcium oxide CaO	aprox. 3,5 %
Contains sulfur trioxide SO ₃	aprox. 2,5 %
Form	Prills
Granulometry	Fraction 2-6.3 mm 95%
Bulk density	0.850-1.000 kg / dcm ³

CONTAMINATION	TYPICAL LEVEL
Cadmium	<60 mg / kg P ₂ O ₅ d.m.
Chrome VI	<2 mg/kg d.m.
Total chrome	<100 mg/kg d.m
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	<2,66 mg/kg d.m
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:

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

The fertilizer in bulk can be stored in piles formed on a hardened impermeable ground, 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.