

Trade name: NUTRIFOG**Product No:** 12137**1 Company**

Manufacturer/Supplier:	AGLUKON Spezialdünger GmbH & Co. KG	Telephone:	+49 (211) 5064-0
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2 Composition/Information on Ingredients

Preparation:	NPK- liquid fertilizer 10-3-3 with micronutrient
Description:	Aqueous salt solution
Harmful components:	None
Additional information:	

3 Hazards Identification

Hazards designation:	None
Particular hazards (R-phrases):	None
Harmful effects/symptoms:	Unknown

4 First-Aid Measures

General hints:	Remove soiled clothes.
after skin contact:	Immediately wash affected skin regions thoroughly with soap and plenty of water. If you feel unwell, seek medical advice.
after eyes contact:	Thoroughly rinse eyes with lids wide apart under running water (protect the uninjured eye, remove contact lenses). If you feel unwell, seek medical advice.
after ingestion:	Immediately rinse the mouth with water, then drink a lot of water. If you feel unwell, seek medical advice.

5 Fire-Fighting Measures

Suitable extinguishing media:	Water
Unsuitable extinguishing media:	Unknown
Specific hazards:	Formation of nitrous gases and ammonia possible.
Special equipment to protect firefighters:	

6 Accidental Release Measures

Personal precautions:	Remove soiled clothes.
Environmental precautions:	Dilute with plenty of water.
Methods for cleaning up/taking up:	Absorb with inorganic absorption media;.
Additional hints:	

7 Handling and Storage

7.1 Handling	
Advice as to safe handling:	Wear suitable protecting clothes.
7.2 Storage	
Stockrooms and containers required:	Protect the product from impurity and drying up. Keep containers densely closed. Do not store in metal containers (corrosion risk).
Storage together with other materials:	Do not store together with food and luxury food, beverage and feed.
Further information on storage conditions:	Do not store below 0°C and above +40 °C.

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Personal protective equipment

Respiratory protection: Not required

Hand protection: Rubber or plastic gloves

Eye protection: Safety goggles

Skin and body protection: Closed working clothes

Preventive and hygiene measures: Do not eat and drink at work. Immediately remove soiled and soaked clothes. Wash hands and face after work.

9 Physical and Chemical Properties**9.1 Appearance**

Form/physical state: Liquid

Colour: Green

Odour: Product-specific

9.2 Data relevant to safety

pH (original state): Approx. 6,8

pH at 10 g/l H₂O and 20° C: Approx. 6,7

Change in physical state: > 100° C evaporation of water

Boiling point/-range: Not determined °C

Melting point/-range: Not applicable °C

Flash point: Not applicable °C

Inflammability: Not applicable

Ignition temperature: Not applicable °C

Self-ignition: The product is not self-igniting.

Fire-promotive properties: The product is not fire-promotive.

Explosion hazard: The product has no explosion hazardous properties.

Vapor pressure (at °C): Not determined hPa

Density (at 20°C): Approx. 1,18 g/cm³

Solubility in water (at 20°C): in each ratio mg/l

9.3 Further information:**10 Stability and Reactivity**

Conditions to avoid: Temperatures above +40° C. Keep the product from drying up.

Materials to avoid: Alkalis

Hazardous decomposition products: Reacts with alkalis setting ammonia free.

Thermic decomposition products: Nitrous gases and ammonia.

Further information: No decomposition if correctly used. The product is stable under normal conditions.

11 Toxicological InformationGeneral remarks: Toxicological data are not available.
Toxicological effects are unknown.**12 Ecological Information**

General information: Water hazard class 1: slightly water hazardous (self-classification in according to the national german regulations).

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13 Disposal Considerations

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|------|-----------------------------|--|
| 13.1 | Product: | Fertilizer |
| | Recommendation: | Disposal of product rests in accordance with official local disposal regulations. |
| | <u>Waste Code (EWC-No.)</u> | 061001 |
| | <u>Waste Name</u> | Waste from nitrogen chemical processes and fertilizer manufacture |
| 13.2 | Contaminated packaging | |
| | Recommendation: | Disposal of contaminated packaging in accordance with the local official disposal regulations. |
| | Cleaners: | Water |

14 Transport Information

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|------|------------------------------|--------------------|
| 14.1 | Surface transport: | No hazardous goods |
| 14.2 | Inland navigation transport: | No hazardous goods |
| 14.3 | Sea navigation transport: | No hazardous goods |
| 14.4 | Air transport: | No hazardous goods |
| 14.5 | Further information: | Mailable |

15 Regulatory Information

- | | | |
|------|---|--|
| 15.1 | Labelling: | By virtue of the data available, the product is no hazardous preparation in the sense of the Chemical Law and the Hazardous Materials Regulation. No labelling duty according to the Hazardous Materials Regulation. |
| 15.2 | Regulations | |
| | Employment limitations: | None |
| | Interference regulations: | None |
| | Further regulations, limitations and prohibition regulations: | None |

16 Other information

Further information:		
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