

# hydro a.

## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

- 1.1. hydro a
- 1.2. Concentrated mineral nutrient solution to be applied to green plants in combination with Hydro B, with a dilution rate of 1:500
- 1.3. Bertels B.V., Ommelpad 2, 6035 PC, Ospel, tel: +31 (0)495 631 559, fax: +31 (0)495 626 834
- 1.4. In case of emergency: +31 (0)495 631 559

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1. Concentrated mineral nutrient solution derived from calcium nitrate, potassium nitrate, calcium chloride, magnesium nitrate
  - 5.0% Total nitrogen
  - 5.0% Nitrate nitrogen
  - 2.0% Potash (K<sub>2</sub>O)
- 2.2. 92.9% Inert ingredients
- 2.3. t/m 2.6 do not apply

## 3. HAZARDS IDENTIFICATION

This product is not classified as a hazardous substance according to EC directives.

## 4. FIRST AID MEASURES

General	<b>No hazards which require specific first aid measures</b>
Inhalation	<b>Not applicable</b>
Eye contact	<b>Rinse with water</b>
Contact with skin	<b>Rinse with water</b>
Ingestion	<b>Seek medical advice</b>

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	<b>Water</b>
Extinguishing media which must not be used	<b>None</b>
Special exposure hazards	<b>None</b>
Special protective equipment for fire-fighters	<b>None</b>

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	<b>Wear protective gloves</b>
Environmental precautions	<b>None</b>
Methods for cleaning	<b>Remove with absorbent material</b>

## 7. HANDLING AND STORAGE

7.1. Handling	No special requirements
7.2. Storage	Store dry, room temperature, protect from direct sunlight
7.3. Specific	None

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values	Not applicable
8.2. Exposure controls	
8.2.1. Occupational exposure controls	
8.2.1.1. Respiratory protection	Not necessary
8.2.1.2. Hand protection	Fluid resistant gloves
8.2.1.3. Eye protection	Safety glasses
8.2.1.4. Skin protection	Not necessary
8.2.2. This products is not hazardous for the environment in small packaging (100 ml, 500 ml, 1000 ml and 5000 ml)	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Fase	Fluid
Colour	Clear
Smell	None
Boiling point	100 °C
Melting point	0 °C
Auto-ignition temperature	Not applicable
Vapour pressure	Not applicable
Density	1200 gram / litre
Solubility	100%
pH	5.3

## 10. STABILITY AND REACTIVITY

10.1. Conditions to avoid	None
10.2. Materials to avoid	None
10.3. Hazardous decomposition products	None

## 11. TOXICOLOGICAL INFORMATION

No significant effects or critical hazards known.

## 12. ECOLOGICAL INFORMATION

The product is not harmful for nature and can be applied in diluted form to raise the fertility of the environment

12.1. Ecotoxicity	<b>Not poisonous</b>
12.2. Mobility	<b>Not applicable</b>
12.3. Persistence and degradability	<b>100% Biologically degradable</b>
12.4. Bioaccumulative potential	<b>Not applicable</b>
12.5. Other adverse effects	<b>Not applicable</b>

## 13. DISPOSAL CONSIDERATIONS

Product	<b>Follow regulations of local authorities for agro chemicals</b>
Package	<b>Empty packages are harmless, can be processed according to local regulations</b>

## 14. TRANSPORT INFORMATION

No danger regarding transport classification for each of the modal regulations: IMDG (sea), ADR (road, Council Directive 94/55/EC(9)), RID (rail, Council Directive 96/49/EC(10)), ICAO/IATA (air) N, ADR/RID/IMO.

## 15. REGULATORY INFORMATION

Labels are according EC standards	<b>According to EC 2003</b>
R phrases	<b>None</b>
S phrases	<b>None</b>

## 16. GENERAL INFORMATION

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