

1 Identification of the substance or mixture and of the company/undertaking

1.1 Product identification

Product name : Roots

Product code :

Product type : Liquid

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use : For use in agriculture and Horticulture

Uses advised against : Other unspecified industry

1.3 Details of the supplier of the safety data sheet

Name : Geni Investments BV

Office address : Dennenburg 6

Postal code and place : 3712 ED Huis ter heide (holland)

Email adres : info@geni-investments.com

Web site : www.geni-investments.com

tel : +31(0)343 77 83

1.4 Emergency telephone number

Name : National Poisoning Information Center

Telephone nr : +31(0)302748888

: Only intended to inform professional emergency services in case of acute poisoning

Opening hours : 24 hours a day and 7 days a week

2 Hazard identification

2.1 Classification of the substance or mixture

Product is not a dangerous substance according to EC guidelines

2.2 Label components

none

2.3 Further hazards

Based on the current state of our knowledge, professional use of the product can not prevent to humans and the environment .

3 Composition and information on ingredients

Vegetable oil, Ash, Minerals and Hetero auxines

Nitrogen total - N til	<0.01%
Nitrate - NO ₃ -N	<0.01%
ammonium - NH ₄ -N	0.00%
Total phosphorus - P til	<0.01%
Phosphate - P ₂ O ₅	<0.01%
Potassium oxide - K ₂ O	0.01%
Calcium oxide - CaO (water-soluble)	0.00%
Magnesium oxide MgO (water-soluble)	0.00%
Sulphite - SO ₃ (water soluble)	0.00%

Tracks

Trace elements	
Iron (Fe)	<0.01%
Manganese (Mn)	<0.01%
Zinc (Zn)	<0.01%
Boron (B)	<0.01%
Copper (Cu)	<0.01%
Molybdenum (Mo)	<0.01%

4 First Aid measures

4.1 Description of the First Aid measures

If in doubt, always consult a doctor

Eye contact	: First rinse for a long time with plenty of water (at least 15 min), also under the eyelids
Inhalation	: Remove victim to fresh air
Skin contact	: Remove contaminated clothes and wash exposed skin with mild soap and warm water than rinse with warm water.
Ingestion	: If swallow, immediately drink plenty of water (approximately 500 ml) and consult a doctor. Never induce vomiting tendencies

4.2 Most important symptoms and effects, both acute and delayed

Potential acute effects for human health:

Eye contact	: Irritating to eyes
Ingestion	: No typical symptoms and effects are know

Signs/symptoms of excessive exposure:

Eye contact	: Irritating to eyes
Inhalation	: No typical symptoms and effects are know
Ingestion	: No typical symptoms and effects are know
skin contact	: No typical symptoms and effects are know

4.3 treatment required

Indication of any immediate medical attention and special

Remarks for doctor	: NPK solutions , Ph 1.0 - 4.5
Specific treatments	: No additional information available

5 Fire-fighting measures

5.1 Extinguishing agents

	: product is not flammable
Suitable extinguishing agents	: All extinguishing agents allowed

Unsuitable extinguishing agents

: Not known

5.2 Particular hazards arising from the substance or mixture

Not established

5.3 Advice for firefighters.

Special protective equipment for firefighters : S36 suitable clothing. Use breathing equipment .

Extra information : Not known



(Roots) Version: 01-2019
Safety Data Sheet Printed on: 01-01-2019
According to Regulation (EC) No. 453/2010
Date of previous issue: 01-01-2019

6 Measures in the event of accidental release of the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, wear protective clothing, gloves and face protection.

6.2 Environmental precautions

Product may not be released into the environment. Carefully contain spilled product

6.3 Methods and material for containment and cleaning up

Dilute with plenty of water

6.4 Reference to other sections

See section 8 and 13

7 Handling and storage

7.1 Precautions for safe handling of the substance or mixture

The usual precautions for the use of chemical products must be observed

7.2 Conditions for safe storage, including any incompatibility of products

Recommendations store in original packaging. Store in a dry, well-ventilated area.

7.3 Specific end use

For professional use, no specific measures are required .

8 Exposure controls/personal protection

8.1 Control parameters

Exposure limit values for this product are not known.

8.2 Exposure control measures

The usual precautions for handling chemicals can be observed. Avoid prolonged contact with the skin.


9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical condition	: Liquid
Colour	: Colorless / Transparent
Odour	: Odorless
pH	: 1.0 - 4.5 (depending on the composition)
Flash point	: Not quite

9.2 Other information

- Soluble in water
- Mixture is corrosive to metals

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10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal circumstances

10.2 Chemical stability

The product is stable under normal conditions

10.3 Possible hazardous reactions

No dangerous reactions known under normal circumstances

10.4 Circumstances to avoid

No specific recommendations

10.5 Chemically interacting materials

Not known

10.6 Hazardous decomposition products

Contact with bases can release toxic ammonia gas

11 Toxicological data

11.1 Information on toxicological effects

probably not an irritating product

Acute toxicity

Conclusion/Summary : Non toxic

12 Ecological data

12.1 Toxicity

Conclusion/Summary : Non toxic

12.2 Persistence and degradability

not known

12.3 Bioaccumulation

Not known

12.4 Mobility in soil

Not known

12.5 Results of PBT and vPvB assessment

Not known

12.6 Other harmful effects

Not known



(Roots) Version: 01-2019

Safety Data Sheet Printed on: 01-01-2019

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13 Instructions for disposal

13.1 Waste treatment methods for product

Disposal methods : Dispose of in accordance with local regulations
Packaging : Since with water. Contact supplier / product about reuse.

14 Information relating to transport

Provisions: ADR/RID

According to the applicable transport rules, the product is not classified as a dangerous product.

Provisions: ADN

According to the applicable transport rules, the product is not classified as a dangerous product.

Regulation: IMDG

According to the applicable transport rules, the product is not classified as a dangerous product.

Regulation: IATA

According to the applicable transport rules, the product is not classified as a dangerous product.

15 Regulations

15.1 Health, safety and environmental regulations/legislation specific to the substance or mixture

Other EU regulations : Labeling in accordance with EC directives

15.2 Chemical safety assessment

16 Other information

Full text of classifications [CLP/GHS] : No

Full text of classifications [Dangerous Substances Directive Dangerous Preparations Directive] : No

Date of publication/ Revision date : 01-01-2019

Date of previous issue : 01-01-2018

Version : 01-2019

Compiled by

Geni Investmenst B.V.

Notification to the reader

To the best of ours knowledge, the information contained in this Overview of safety Measures is correct until the date of publication. This information is given to safety advice, and only relates to the products and use specifically as described. This information regarding a product will not necessarily be applicable when this product is used with (a) other product(s) or when the product is applied in a different way than discribed, because all products can present unknown risks and with caution must be used. Only the user is responsible for the decision regarding the suitability of the product.

01-01-2019

English



(Roots) Version: 01-2019

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