



HESI plantenvoeding
Edisonstraat 11-17
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vat.Nr NL8159.05.191.B.01

MATERIAL SAFETY DATA SHEETS Hesi Root - Complex

1. Identity / Description

product name:

1.1. identity:

1.2. manufacturer:

1.3. contact information:

ROOT COMPLEX

liquid micronutrients and vitamin supplement
for plants

Hesi plantenvoeding

Hesi plantenvoeding, Tel 0031 45 5690420,

Edisonstr. 11-17

6372 AK Landgraaf, Nederland

2. Hazardous ingredients identity information

2.1. Hazardous components: None, not classified in any hazardous substance class:

2.2. ingredients

micronutrients

chelated iron (6% Fe actual) 0,0750

zinc (Zn) * % actual 0,0020

manganese (Mn) * % actual 0,0030

copper (Cu) * % actual 0,0010

boron (B) % actual 0,0020

molybdenum (Mo) actual 0,0002

others

in smaller amounts (<0,0002%): Vitamins (B1, B2) folic acid, PABA,
amino acids, inositol (sugar)

3. Physical / Chemical Characteristics

3.1. boiling point:

>105 degrees C

3.2. specific gravity:

0,9962 g/cm3

3.3. vapour pressure:

below 1

3.4. melting point:

> - 6 degrees C

3.5. vapor density (air=1)

N/A

3.6. solubility in water:

100%

3.7. viscosity:

N/A

3.8. form:

liquid

3.9. appearance:

dark red

3.10. odor:

like iron

3.11. pH (concentrate)

6,0-6,5

20.01.2009



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7. PRECAUTION FOR SAFE HANDLING; STORAGE; AND USE OF PRODUCT

- | | |
|--|---|
| 7.1. technical protection measures: | no special precaution |
| 7.2. personal protection including breathing, eye and hands: | not usually necessary |
| 7.3. recommended storage conditions: | tightly closed. store between 5 and 50 degrees celcius. Avoid freezing |
| 7.4. precaution on handling: | do not contaminate water, food or feed by storage or disposal, keep out of reach of children |
| 7.5. spill or leak procedures: | sweep up and place in container, wash down area with water |
| 7.5. waste disposal | place in container |

8. CONTROL MEASURES:

- | | |
|--|--|
| 8.1. respiratory protection: | not required |
| 8.2. ventilation: | not required |
| 8.3. protective gloves: | not required |
| 8.4. eye protection: | not required |
| 8.5. other protective or handling equipment: | not required |
| 8.6. work/ hygienic practices: | wash hands after contact and before eating and drinking.
do not eat, drink or smoke, while working with substance |

Abbreviations:

N/A: Not applicable

N/N: None Known

The information contained herein is based on the present state of knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.

21.01.2009