

Material Safety Data Sheet

According 1907/2006/EC



Van Iperen Oligo Fe-IDHA 9%

1. Identification of substance/preparation and of the company/undertaking

Product name : Fe (III) IDHA

Application: foliar, fertigation, soil

Company/undertaking identification

Name: Van Iperen International B.V.
Address: Smidsweg 24
Postal code: 3273 LK
Residence: Westmaas
Country: The Netherlands
Telephone no: +31 (0)186-578888
Fax no: +31 (0)186-573452
e-Mail: info@iperen.com
reach-contact: reach@iperen.com

Emergency telephone: +44 (0) 870 600 6266 (UK National poisons emergency number)
Exclusively intended to inform doctors at accidental poisonings

2. Hazards identification

Labelling according to EC Directives:

No 2003/2003 OF THE EUROPEAN PARLAMENT AND OF THE CONCIL of 13 October 2003 relating to fertilizers

Not considered to be hazardous according to EEC Dangerous Substance Directive

3. Composition/information on ingredients

Contains D, L-Aspartic acid, N-(1,2 dicarboxyethyl)
sodium salt of Fe (III)

Chemical form Fe (III)C₈H₇NO₈Na

CAS-No.: 666828-40-6

4. First aid measures

Health effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Slightly hazardous in case of ingestion.

Eye contact:

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

Skin contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used.

Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Wash contaminated clothing before reusing.

Inhalation:

If vapours mists or sprays of this product are inhaled remove contaminated individual too fresh air.

Ingestion:

Have conscious person drink several glasses of water or milk. Induce vomiting. Seek medical attention

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5. Fire fighting measures

Suitable extinguishing medium:

According to materials stored in the immediate neighbourhood. Do not water jet.

Special risks:

Oxidizing material. Avoid contact with a combustible material. When involved in fire this material may decompose and product oxides of nitrogen CO, CO₂, NO_x.

Others:

Non- flammable material.

6. Accidental release measures

Person-related precautionary measures:

Do not inhale dusts.

Procedures for clearing/ absorption:

Take up. Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

Keep away from heat, sources of ignition, and combustible materials. Keep away from incompatibles materials and organic materials.

Storage:

Tightly closed. Storage temperature: from -50C to +30oC.

8. Exposure controls / personal protection

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: Required when aerosol are generated

Eye protection: Required

Hand protection: Gloves

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC.

Industrial hygiene: Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. Physical and chemical properties

Appearance brown microgranules

Fe+3 9,0% w/w

N-NO₃ 4,5% w/w

pH of 1% water sol. 5,5

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10. Stability and reactivity

Stability:

Stable product.

Hazardous decomposition products:

In the event of fire. (See chapter 5).

11. Toxicological information

Acute oral toxicity (rat) LD50>2000mg/kg - no classification

Further toxicological information:

After eye contact:	Slight irritations.
After inhalation of dust:	Irritation symptoms in the respiratory tract.
After swallowing:	Nausea, vomiting.

Further information:

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

No experimental ecological data are available on the preparation as such. From structurally related products the following may be expected.

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

13. Disposal consideration

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

Packaging:

Packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail: ADR / RID NOT APPLIED
Product name: Fe (III) IDHA
EC Number

The transport regulations are cited according to international regulations. Possible national deviations in other countries are not considered. (In Poland Dz.U.Nr 194, poz.1629 z 2002r.)

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15. Regulatory information

Labelling according to EC Directives:

Symbol:

S-phrases

S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S: 37/39 Wear suitable protective gloves and eye/face protection.

16. Other information

General update.

Information for the reader:

The information provided in this Safety Data Sheet is given in good faith and belief in its accuracy based on our knowledge of the substance/preparation concerned at the date of publication.

It does not imply the acceptance of any legal liability or responsibility whatsoever by the company for the consequences of its use or misuse in any particular circumstances.

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