

SAFETY DATA SHEET
HYDRIRON plus 6 %**1. IDENTIFICATION OF THE SUBSTANCE / PREPARED AND OF THE COMPANY****Identification of the substance or prepared:**

Prepared.

Product Name: Hydriron plus 6 %

Substance / Prepared Usage: Iron chelated EDDHA.

Company Identification :**SIFFERT SPA**

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2. IDENTIFICATION OF HAZARDS

This product is not classified as dangerous as by Directive 1999/45/CE .

For more informations about the effects for the health and the sintoms, check the section 11.

3. COMPOSITION / INFORMATION ABOUT INGREDIENTS

Chemical name	CAS n°	EC N°
Sale ferrico sodico dell'acido Etilendiammino – N –'N bis (2idrossi) fenilacetico	16455-61-1	240-505-5

Within the current knowledge of the supplier, other ingredients dangerous to human health or environment are not present.

4. FIRST AID MEASURES

Inhalation : don't breathe the dust. If inhaled, remove to fresh air. In the case of respiratory problems, ask medical personnel.

Ingestion : In case great quantities of fertiliser were ingested, call a doctor immediately. Don't induce vomit unless directed by medical personnel. Don't give anything by mouth to an unconscious man.

Contact with skin : avoid longed or repeated contact with skin. After handling, always wash hands using water and soap. In case of irritation, ask medical personnel.

Contact with eyes : In case of contact with the eyes, to wash immediately with Plenty of water. To consult a doctor in case of irritation or other problems.

5. FIRE-PROOF MEASURES

Extinguishing media: in case of fire, use water in great quantities. Do not use chemical Extinguisher or foam.

Hazardous thermal decomposition products: in case of fire, don't breath dust or vapours coming from combustion material. Dangerous decomposition products are nitrogen oxides Phosphorous oxides and metal oxides.

Protective equipment: fire - fighters should wear appropriate protective equipment and Self-contained breathing apparatus.

6. MEASURES FOR ACCIDENTAL RELEASE

Environmental precautions: avoid contamination of river and sewerage. Inform Authority
Precautions for personnel : if necessary, use appropriate protective equipment.
Avoid contamination with released material. Don't breathe the dust. Send out personnel not necessary to the clean up
Clean up methods: scoop up solid material released and put it into an appropriate labelled waste container. Don't mix with sawdust or other combustible material.
Avoid creating wind dispersal of dust

7. HANDLING AND STORAGE

Handling: do not create dusty conditions and avoid wind dispersal. Avoid all possible sources of ignition (ex flame). Avoid contamination by others materials (metals, organic materials, ecc). Use appropriate protective equipment during the handling.
Storage: store away from rain, heat, sparks, flame or any ignition source. Avoid contact with combustible materials. Prevent high moisture in handling and storage.
Keep clean and ventilated the storage rooms. Keep away from kids and animals.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Occupational exposure limits (ACGIH 2003)

Total inhalable dust– 10 mg/m³

Technical precautionary actions: Respirable dust 3 mg/m³ . Avoid dust formation and favour a good ventilation, where necessary.

Controls of exposure. Respiratory protection: if necessary, use a properly fitted, air – purifying or air-fed respirator complying with an approved standard.

Eyes protection: In case of eye concentration of dust in the air, use dust goggles.

Skin protection: to avoid the contact between the product and the skin, use personal protective equipment for hands and body.

Hands protection: if necessary, use chemical-resistant gloves (approved standard).

9. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE

Physical state: solid

Color: dark red microgranules

Odour: odourless

IMPORTANT DATA TO SAFETY

Esplosive properties: No

10. STABILITY AND REACTIVITY

Stability: the product is stable under recommended storage and handling conditions.

Hazardous decomposition products: NO_x, SO_x.

Materials to avoid: acids, alkalis, organic and combustible materials.

Conditions to avoid: flame or any other ignition source, high moisture.

11 .TOXICOLOGICAL INFORMATION

Dangerous effects on human health: within the current knowledge of the supplier and in the recommended concentrations by company, the product is not hazardous to human health or to the environment.

Even though the product is not classified as dangerous, it could cause eye and skin irritation. If large quantities of this fertilizer are eaten, heavy disease can appear. Vomit, diarrhoea, stomach-ache, convulsion, etc. The dust of product can irritate can irritate eyes, skin and respiratory organs.

At the moment, are not know significant effects about: carcinogenicity, mutagenicity, teratogenicity, negative fertility effects, or other dangerous effects on human health.

12 .ECOLOGICAL INFORMATIONS

The product is not dangerous to the environment if used as recommended by the supplier. The product is very soluble in water. Biodegradability: YES Bioaccumulation: NO

13 .DISPOSAL CONSIDERATIONS

Within the present knowledge of the company, the product is not considered as hazardous waste. Dispose the product and his packaging according with all applicable local and national laws.

14 .INFORMATIONS ABOUT TRANSPORT

About transport, the product is not classified as hazardous material according to UN orange book. International transport codes (ADR, RID, IMDG, AND) are not necessary

15 .REGULATORY INFORMATIONS

The product is not classified according to EU legislation. Risk phrases: NO
Safety data sheet according to REG. CE 1907/2006
European Law on fertilizers: REG. CE 2003/2003
Date of issue: 20/04/2011
Safety data sheet by:

Siffert spa C.da orecchiazze – 98076 S.Agata Militello (Me) – Italy. Tel.0941/702174

IMPORTANT NOTICE:

The data and informations contained in this safety data sheet are based on our knowledge at the date of issue. The informations of this SDS concern only aspects about use, handling and storage of the product. The supplier does not assume any liability about
For the accuracy or completeness of the information contained in this sheet. Final determination and use of suitability of product is completely responsibility of the user. All chemical products may present unknown hazards and must be used with caution. The supplier does not guarantee that the hazards described in this safety data sheet are the only hazards that exist for this product. The supplier does not guarantee that this SDS contains all possible safety measures; in particular conditions, may be necessary added some measures.