



SAFETY INFORMATION SHEET

R. D. 1078/93

NAME OF THE PRODUCT : **SOYGREEN[®]**

1. IDENTIFICATION OF THE SUBSTANCE / COMPOUND AND OF THE COMPANY.

1.1 Chemical Characterisation :

Ethylendiamine – N,N' -bis (2-hydroxyphenylacetic acid), ferric-sodium complex.

1.2 Company or responsible for its marketing :

1.2.1 Name : LABORATORIO JAER, S . A .

1.2.2 Address : C/ Barcelona, 411
08620 Sant Vicenç dels Horts
Barcelona

1.2.3 Telephone : + 34 93 656 07 52 ,

1.2.4 Fax : + 34 93 656 09 90

1.3. Emergency telephone :

1.3.1. Company : + 34 93 656 07 52

2. COMPOSITION / INFORMATION OF THE COMPONENTS

Chemical name .

Ethylendiamine – N,N' -bis (2-hydroxyphenylacetic acid), ferric-sodium complex. Potassium Sulphate.

N. CAS : 16455 – 61 – 1

N. EINECS : 240 – 505 – 5

Classification : CE Fertiliser



3. IDENTIFICATION OF THE DANGERS

Slightly irritating for the respiratory system, moderately irritating for the eyes .

4. FIRST AID

- 4.1. Contact with the skin : Wash immediately with soap and rinse with plenty of water.
- 4.2. Contact with the eyes : Wash immediately with plenty of water during at least 15 minutes .
- 4.3. Inhalation: Take the person away from the contaminated zone, carrying him / her to an aired zone
- 4.4. Ingestion: Wash the mouth immediately with water and drink a lot.

5. MEASURES OF FIGHT AGAINST FIRE

- 5.1. Suitable extinction means: Water, dry powder, carbone dioxide, foam.
- 5.2. Extinction means that must not be used: None.
- 5.3. Risks of exposure: Its combustion does not let off toxic gases.
- 5.4. Protection gear for the staff of fight against fire: It does not need especial equipment.

6. MEASURE TO TAKE IN CASE OF ACCIDENTAL DUMPING

- 6.1. Individual precautions: Collect the dumping using the equipment stipulated in its handling and storage.



- 6.2. precautions for the protection of the environment: Avoid the contamination of the natural courses of water.
- 6.3. Methods of cleaning: Collect by mechanical means, avoiding the massive use of water.

7. HANDLING AND STORAGE

- 7.1. Handling: Use the precaution measures in force for powdery products, gloves, paper mask and protection goggles.
- 7.2. Storage: The product is sensitive to light. Keep the packages well closed, protected for direct sun beams in a fresh and dry place.

Additional information:

8. CONTROLS OF EXPOSURE / PERSONAL PROTECTION

- 8.1 Technical measures of protection:
- 8.2 Limit control of exposure: TLV not established.
- 8.3 Respiratory protection: paper mask.
- 8.4 Protection of the hands: waterproof gloves.
- 8.5 Protection for the eyes: Security goggles.
- 8.6 Protection of the skin: Working clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect	microgranulated powder, free of refined
Colour	black – reddish



Odour	little intense, characteristic
pH (1 %)	7.5 - 9.5
Apparent density	500 – 650 Kg/m ³
Solubility in water	120 g / Litre
Melting point / interval:	It decomposes without melting, at a temperature higher than 200 ° C
Boiling point	It decomposes before melting.
Oxidising properties	It is not oxidising.
Self inflammability	It is not self inflammable.
Sparkle point	
Ignition	
Vapour pressure	
Distribution ratio	
Viscosity	
Danger of explosion	Low

10. ESTABILITY AND REACTIVITY

- 10.1 Thermal decomposition: It decomposes without melting.
- 10.2 Conditions to avoid: Oxidising agents.
- 10.3 Materials to avoid: Any incompatible packaging material.
- 10.4 Dangerous products of decomposition: By pirolysis toxic fumes of CO, CO₂ and NO_x



11. TOXICOLOGICAL INFORMATION

- 11.1 Acute oral toxicity (LD_{50}), test wit rats: > 2000 mg / Kg.
- 11.2 Irritation on the skin, test on rabbits:
- 11.3 Irritation in the eyes, test on rabbits:
- 11.4 Skin sensitiveness, test on guinea pigs:

Additional information:

12. ENVIRONMENTAL INFORMATION

- 12.1 LC_{50} fish:
- 12.2 EC_{50} daphnia:
- 12.3 IC_{50} bacteria:
- 12.4 Biodegradability: Difficult

Additional information:

13. CONSIDERATIONS ABOUT THE ELIMINATION

Destruction in SIG of waste, according to law 11 / 97 of packages and waste.



14. INFORMATION RELATED TO TRANSPORT

Road and railway
RID / ADR Non classified

Transport by sea
IMDG Code Non classified

Transport by air
ICAO / IATA Non classified

15. INFORMATION WITHIN THE RULES

Labelling according to Directive 67 / 548 EEC (7th amendment 92 / 32 of April the 30th 92) for the dangerous substances

Labelling according to Directive 88 / 379 EEC and the resolution of February the 21st 1990 for the dangerous compounds

The particular dispositions related to labelling, conditioning and handling of dangerous substances or compounds are not be applied

On the contrary, the level of powder in the working place is ruled and local and national laws must be followed.

THIS LIST INDICATES ONLY THE MAIN COMMUNITARY TEXTS PUBLISHED UP TO THE DATE OF PUBLICATION OF THE CURRENT SHEET, IT WILL NOT HAVE TO BE CONSIDERED AS AN EXHAUSTIVE LISTING AND IN NO CASE EXCUSE THE HANDLER OF THE PRODUCT FROM KNOWING THE LAW IN FORCE.

16. OTHER INFORMATION

16.1 Use: Corrector of plant iron deficiency in agriculture

16.2 Restrictions:

16.3 FDS revision n.: Third.



16. Date last revision: June 2003 2002.

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THE USERS MUST CONSIDER THIS INFORMATION ONLY AS A COMPLEMENT TO OTHER INFORMATION OBTAINED BY THEMSELVES AND MUST CARRY OUT INDEPENDENT TESTS OF SUITABILITY AND COMPLETENESS OF THE INFORMATION FROM ALL THE SOURCES IN ORDER TO ENSURE THE PROPER USE AND THE ELIMINATION OF THESE MATERIALS, AS WELL AS THE SECURITY AND HEALTH OF EMPLOYEES, CUSTOMERS AND PROTECTION OF THE ENVIRONMENT.

According to the: EC Directive 2001/58/EC