

Name of the applicant

AGRIMER Company,
BP 29 – PRAT MENAN
29880 PLOUGUERNEAU
France

Tel : 00 33 2 98 04 54 11

Fax : 00 33 2 98 04 55 15

Mail : fnicolas@agrimer.com

Name of the product

ALGABIO Mg

Type of the product

ALGABIO Mg is a bio stimulant based on concentrate of Laminaria (deep seaweed) which increase the height and yield of crops and the quality of the finish product. ALGABIO Mg is specific for organic crops.

Name address of the producer

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Exact composition of ALGABIO Mg

Concentrate of Laminaria,

MgO: 7 %

Usage: recommended crop dosage

Generally, ALGABIO Mg can be sprayed on plants between 7 to 10 liter per hectare at each treatment. 2 applications will be generally done

Grape: 7 to 10 L/Ha at each treatment

Vegetables: 7 to 10 L/Ha at each treatment

ALL CROPS: 7 to 10 L/Ha at each treatment

Fire Hazard classification

(91/155/EEC) MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

DATE 28/07/2010

PRODUCT NAME : **ALGABIO Mg**

SUPPLIER – MANUFACTURER : AGRIMER

Prat Menan - BP 29

29880 PLOUGUERNEAU - FRANCE

Tel : (33) 02 98 04 54 11

Fax : (33) 02 98 04 55 15

EMERGENCY CALLING: Orfilla (33) 01 45 42 59 59

Anti-Poison Center (Rennes) (33) 02 99 59 22 22

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description of the preparation : Magnesium Sulphate solution

Constituents: Magnesium sulfate
N° C.A.S. 7487-88-9
N° CE(EINECS) 231-88-9

3. HAZARD IDENTIFICATION

No dangerous effect if the product is used according to recommendations written on the label.

4. FIRST AID MEASURES

Inhalation : Supply person with fresh air.

Eyes : Rinse with a lot of water 15 minutes and seek medical attention.

Skin : Remove the soiled clothes and rinse with water. In case of itch and redness seek medical advice.

Ingestion : Immediately rinse out mouth and drink plenty of water. In case of indisposition seek medical advice. Do not induce vomiting.

5. FIRE – FIGHTING MEASURES

Appropriate method of extinction : All the extinguishing media are possible.

Specific hazards :

Protection of fire-fighting personal : Breathing apparatus.

ALGABIO Mg

6. MANAGEMENT OF ACCIDENTAL DISPERSION

Individual protections : Avoid contact with eyes and skin. Use a respiratory mask, rubber or latex gloves and safety goggles.

Methods of cleaning : Absorb the product with absorbent compounds. Flush with water and recover the flush water. Do not throw directly to the sewer. Product very toxic for environment.

7. HANDLING AND STORAGE

Handling : Use a respiratory mask, rubber or latex gloves and safety goggles.

Storage : Keep the product into closed original container. Store out frost and excessive heat.

Packaging : 1000 liters tanks or 5 liters cans.

8. CONTROL OF INDIVIDUAL EXPOSURE

Technical measure: Work in fresh air.

Exposition limit values:

Respiratory protection : Respiratory mask.

Protection of the skin : Over is recommended.

Protection of the eyes : Safety goggles.

Necessary hygiene restrictions: Wash hands with water after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Green liquid

Smell: Characteristic

Density: 1.25

pH: 4.5 average

Solubility: Soluble in water in all proportions

Melting point: Not applicable

Boiling point: Not defined

Temperature of decomposition: Not defined

Vapour pressure:	Not applicable
Explosive hazard:	Not explosive
Combustive properties:	Not combusive

10. STABILITY AND REACTIVITY

Condition to be avoided : None. React with sulphuric acid and chloric acid

Hazardous decomposition products :

Other informations: Contact with metal can release hydrogen by corrosion.

11. TOXICOLOGICAL DATA

ALGABIO Mg

Acute toxicity (pure Magnesium Sulfate):

Oral way: LD 50 rabbit: 3000mg/kg.

Skin way: LD 50 rabbit: no data

Cutaneous irritation:

Risk of cutaneous allergy if the handling is repeated.

Ocular irritation:

Very irritating. Redness and watering.

Ingestion:

Laxative effect

12. ECOLOGICAL DATA (pure Magnesium Sulfate):

Ecotoxicity

Fish: LC50, 96 hours: 28670 mg/l.

Mobility

Water: high solubility.

Soil/Sediment: adsorption on the soil mineral and organic constituents.

13. DISPOSAL AND DESTRUCTION INFORMATION

Operating in accordance with local and state laws.

Do not throw directly to the sewer.

Destroy the packaging according to national or local legislation.

14. SHIPMENT INFORMATION

Not listed as hazardous substance

15. REGULATORY INFORMATION

S (phrases):

S2: Keep out of reach of children.

S23: Do not breathe sprayings.

S24: Avoid the contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHERS INFORMATIONS

This sheet completes the technical leaflet but doesn't replace it. The information written here above are based on our relative knowledge to the concerned product, at the time of writing this safety data sheet. They are honestly written. A list of the main regulation, legislation and administrative texts can be joined to this sheet as indication. The use of the product for others purposes than those indicated on the label may present a risk.