SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name : PROPFEU GRANULES DE RAMONAGE
Product code : 821609.

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet
Registered company name : GEB.
Address : CS 62062.95972.ROISSY CDG CEDEX . France.
Telephone : 01 48 17 99 99. Fax : 01 48 17 98 00.
egb@geb.fr www.geb.fr

1.4. Emergency telephone number : 01 45 42 59 59.
Association/Organisation : INRS.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
In compliance with EC regulation No. 1272/2008 and its amendments.
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

2.2. Label elements
In compliance with EC regulation No. 1272/2008 and its amendments.
Hazard statements :
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements - General :
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
Precautionary statements - Prevention :
P273 Avoid release to the environment.
Precautionary statements - Disposal :
P501 Discard content/container according to applicable regulations.

2.3. Other hazards
In use, may form flammable/explosive dust-air mixture.
The mixture does not contain substances classified as ‘Substances of Very High Concern’ (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table
The mixture fulfills neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.
SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

<table>
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<tr>
<th>Identification</th>
<th>(EC) 1272/2008</th>
<th>Note</th>
<th>%</th>
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<tr>
<td>INDEX: 030-006-00-9</td>
<td>GHS05, GHS07, GHS09</td>
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<td>EC: 231-793-3</td>
<td>Dgr</td>
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<td>ZINC SULPHATE (HYDROUS) (MONO-, HEXA- AND HEPTA HYDRATE)</td>
<td>Acute Tox. 4, H302</td>
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<tr>
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<td>Eye Dam. 1, H318</td>
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<tr>
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<td></td>
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<tr>
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<td>0 &lt;= x % &lt; 2.5</td>
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<td></td>
</tr>
</tbody>
</table>

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :
Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :
Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of swallowing :
In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Keep the person exposed at rest. Do not force vomiting.
Seek medical attention, showing the label.
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

4.2. Most important symptoms and effects, both acute and delayed
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction
In the event of a fire, use :
- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Unsuitable methods of extinction
In the event of a fire, do not use :
- water jet

5.2. Special hazards arising from the substance or mixture
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

No data available.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Fire prevention:

Handle in well-ventilated areas.
Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.
Keep the container tightly closed in a dry, well-ventilated place.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- **Eye / face protection**
  Avoid contact with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

- **Hand protection**
  Wear suitable protective gloves in the event of prolonged or repeated skin contact.
  Type of gloves recommended :
  - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- **Body protection**
  Work clothing worn by personnel shall be laundered regularly.
  After contact with the product, all parts of the body that have been soiled must be washed.

- **Respiratory protection**
  Avoid breathing dust.
  Type of FFP mask :
  Wear a disposable half-mask dust filter in accordance with standard EN149.

### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

**General information :**

- Physical state : Viscous liquid.

**Important health, safety and environmental information**

- **pH :** Not relevant.
- **Boiling point/boiling range :** Not relevant.
- **Flash point interval :** Not relevant.
- **Vapour pressure (50°C) :** Not relevant.
- **Density :** > 1
- **Water solubility :** Insoluble.
- **Melting point/melting range :** Not relevant.
- **Self-ignition temperature :** Not relevant.
- **Decomposition point/decomposition range :** Not relevant.

#### 9.2. Other information

No data available.

### SECTION 10 : STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

#### 10.4. Conditions to avoid

- Avoid :
  - formation of dusts
  Dusts can form an explosive mixture with air.

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
   Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances
   No toxicological data available for the substances.

11.1.2. Mixture
   No toxicological data available for the mixture.

SECTION 12: ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.
   The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.2. Mixtures
   No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability
   No data available.

12.3. Bioaccumulative potential
   No data available.

12.4. Mobility in soil
   No data available.

12.5. Results of PBT and vPvB assessment
   No data available.

12.6. Other adverse effects
   No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods
   Do not pour into drains or waterways.
   Waste:
   Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
   Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
   Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:
   Empty container completely. Keep label(s) on container.
   Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number
   -

14.2. UN proper shipping name
   -

14.3. Transport hazard class(es)
   -
14.4. Packing group
- 
14.5. Environmental hazards
- 
14.6. Special precautions for user
- 

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Classification and labelling information included in section 2:
  The following regulations have been used:
  - EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)
- Container information:
  No data available.
- Particular provisions:
  No data available.

15.2. Chemical safety assessment
No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Abbreviations :
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefahrhungsklasse (Water Hazard Class).
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.