

**MATERIAL SAFETY DATA SHEET**  
**According to 1907/2006/CE Article 31**

**1. IDENTIFICATION OF PRODUCT AND COMPANY**

**1.1. Identification of substance or preparation :**

**ALOE GLYCOLIC EXTRACT**  
**(Product reference : 310001)**

**1.2. Supplier**

GREENTECH S.A.  
Biopôle Clermont-Limagne  
63360 Saint Beauzire - FRANCE  
Téléphone : 33 4 73 33 99 00  
Fax : 33 4 73 33 91 32  
e-mail : greentech@greentech.fr

**2. HAZARDOUS IDENTIFICATION**

**2.1. Hazard designation :**

No special dangers are known

**2.2. Special indications concerning the dangers for the human and environment :**

No special danger mentioned. Nevertheless, ensure that information featured in these safety guidelines are respected  
Respect conditions of storage and use

**2.3. Warning label SGH :**

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**3. COMPOSITIONS / DATA ON COMPONENTS :**

	CAS	EINECS
Propylene Glycol	57-55-6	200-338-0
Water	7732-18-5	231-791-2
Aloe Ferox Leaf Extract	84649-82-1	283-462-8

Aloe Ferox pre registered REACH n° 05-2114658026-49-0000

**4. FIRST AID MEASURES**

**4.1. Excessive inhalation :** breath on fresh air. In case of sickness, seek medical advice.

**4.2. Skin contact :** wash abundantly with soap and water. Remove contaminated clothing. In case of persistent cutaneous reactions, seek medical advice.

**4.3. Eye contact :** Rinse abundantly with water or an eyewash solution for at least 15 minutes holding the eyelids open. If irritation persist, seek medical advice.

**4.4. Ingestion :** Rinse the mouth out with water. Do not induce vomiting, and if you feel unwell, seek medical advice.  
Ingestion warrants gastric lavage and activated charcoal. Treatment is symptomatic.

In general, in case of uncertainty or if symptoms are shown, always seek medical advice.

## 5. *MEASURES IN CASE OF FIRE*

**5.1. Suitable extinguishing media :** Carbon dioxide, water foam, dry chemical powder, water mist or in fine droplets, Use rather stable alcohol resistant foam, general purpose synthetic foam. Do not use water jet.

**5.2. Special risks :** The smoke may contain the general product and products of combustion of varying composition which may be toxic or irritant.

**5.3. Special protective equipment :** Avoid breathing released fumes or vapours. In case of insufficient ventilation, wear suitable respiratory equipment.

Cool down the containers with pulverised water from a secure distance.

## 6. *MEASURES BY ACCIDENTAL SPILLAGE / LEAKAGE*

**6.1. Individual precautions :** Isolate the zone. Do not inhale the vapours. Use in a well-ventilated room. Wear gloves and safety goggles when handling leakages. Follow general hygiene procedure in case of accidental spillage.

**6.2. Environmental precautions :** Avoid all ground and surface water contamination Control the product through by covering with an inert absorbent substance.  
If the product contaminates into water, river or sewerage systems, warns the local authorities according to regulation procedures.

**6.3. Cleaning procedures :** Collect with absorbent materials. Contain and collect all leakages with inert non-combustible material into a waste container for proper disposal according to current regulations. Clean the floor preferably with water and/or detergent. Avoid the use of solvents.  
For large spillages, keep within a contained area and collect into suitable and appropriately labelled containers.

## 7. *HANDLING AND STORAGE*

**7.1. Handling :** Use in well ventilated areas.

**7.2. Storage :** It is recommended to store the product in original sealed and full containers in a well-ventilated area, away from the light and from sources of heat.

**7.3.** Storage at ambient temperature (22°).

## 8. *EXPOSURE CONTROLS / INDIVIDUAL PROTECTION*

**8.1. Exposition:** Maintain a well adapted ventilation.

**8.2. Individual protection equipment:** Avoid prolong contact with skin and eyes. To prevent from possible projections, wear suitable gloves and safety goggles.

**8.3. Hygiene measure:** Remove all contaminated clothing. Wash your hand afterwards.

## 9. *PHYSICAL AND CHEMICAL PROPERTIES*

<b>9.1. Appearance</b>	Liquid, brown
<b>9.2. Odour</b>	Characteristic
<b>9.3. pH</b>	4.0-5.5
<b>9.4. Boiling point</b>	Not determinated

<b>9.5. Melting point</b>	Not applicable
<b>9.6. Flash point</b>	Not determinated
<b>9.7. Ignition temperature</b>	Not determinated
<b>9.8. Auto-ignition temperature</b>	Not determinated
<b>9.9. Explosion limits</b>	Not determinated
<b>9.10. Vapour pressure</b>	Not determinated
<b>9.11. Density</b>	1.080-1.110
<b>9.12. Solubility in water (sol 10%)</b>	Not determinated
<b>9.13. Solubility in alcohol (sol 10%)</b>	Not determinated
<b>9.14. Distribution coefficient (n-octanol / water)</b>	Not determinated
<b>9.15. Viscosity</b>	Not determinated
<b>9.16. Temperature of decomposition</b>	Not determinated

## *10. STABILITY AND REACTIVITY*

- 10.1. Conditions to avoid :** the product can decompose in high temperature.
- 10.2. Material to avoid :** Oxidizing agents
- 10.3. Hazardous decomposition products :** None
- 10.4. Other data :** The product do not decompose if used in conforment to the prescription.

## *11. TOXICITY INFORMATION*

<b>11.1. Acule Toxicity</b>	Not determinated
<b>11.2. Eye Irritation</b>	Slightly irritant
<b>11.3. Skin irritation</b>	Not irritant
<b>11.4. Sensitivity</b>	Not determinated
<b>11.5. Phototoxicity</b>	Not determinated
<b>11.6. Effetct mutagenic on the germinal cells</b>	Not determinated
<b>11.7. Carcinogenc</b>	Not determinated
<b>11.8. Reproductive toxicity</b>	Not determinated
<b>11.9. Certain organs target toxicity (exposition unique)</b>	Not determinated
<b>11.10. Certain organs target toxicity (exposition repeat)</b>	Not determinated
<b>11.11. Danger of aspiration</b>	Not determinated

## *12. ECOLOGICAL INFORMATION*

This preparation has not been submitted to ecotoxicological tests.  
Within handlings and suitable uses, no ecological problem should appear on the enironment.

**Ecotoxicological data of Propylene Glycol**

**Biodégradability (OECD 301B) :** easily biodegradeable

**Ecotoxicity**

**Acute Fish Toxicity**

LC50 (96h)  $\geq$  10000mg/l *Poecilia reticulata*

**Daphnia Toxicity**

EC50 (48h) = 26500 mg/l *Daphnia magna*

**Chronic Algae Toxicity**

Not determinated

**Bacteria Toxicity**

Not determinated

**13. RECOMMENDED DISPOSAL PROCEDURES**

According to community, national or local regulations in force.

**14. TRANSPORT INFORMATION**

Custom Code : N° 13 02 19 80 0000 E

**Land transport ADR**

Not considered as dangerous

**Maritime Transport IMDG**

Not considered as dangerous

**Air transport IATA**

Not considered as dangerous

**15. REGULATORY INFORMATION**

Not classified as a hazardous product.

**16. OTHER INFORMATION**

This information is based on our present knowledge and is supplied for proper and safehandling of our product.  
The above mentioned data can not be considered as a product specification.