

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

1. IDENTIFICATION OF PRODUCT AND COMPANY

1.1. Identification of substance or preparation :

ACEROMINE
(Product reference : 001048)

1.2. Supplier

GREENTECH S.A.
Biopôle Clermont-Limagne
63360 Saint Beauzire - FRANCE
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2. HAZARDOUS IDENTIFICATION

2.1. Hazard designation :

Flammable

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

R10 Flammable

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

2.3. Warning label SGH :



WARNING : 2.6/3 Flammable liquid and vapour



WARNING : 2.28 Very toxic to aquatic life, with long lasting effects

3. COMPOSITIONS / DATA ON COMPONENTS :

	CAS	EINECS
Water	7732-18-5	231-791-2
Malpighia Punicifolia Fruit Extract	-	-
Alcohol	64-17-5	200-578-6
Glycerin	56-81-5	200-289-5
Lecithin	8002-43-5	232-307-2
Guar Hydroxypropyltrimonium Chloride	65497-29-2	-
Phenoxyethanol	122-99-6	204-589-7
Benzophenone-4	4065-45-6	223-772-2

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, stable alcohol resistant foam, powder. Do not use water jet.
- 5.2. Special risks :** Flammable
- 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. Risk of slipping from spilt product.
- 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, warn 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.

7. *HANDLING AND STORAGE*

- 7.1. Handling :** Use in well ventilated areas. Take measures against the absorption electrostatic charges. Do not smoke, do not expose to a naked flame or other potential sources of ignition. Have an extinguisher to hand. Avoid temperatures close to or above the flash point.
- 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. Storage between 2 and 8°C.

8. *EXPOSURE CONTROLS / INDIVIDUAL PROTECTION*

- 8.1. Limit Values of exposure :**
Ethyl alcohol (France) VME=1900mg/m³ VLE=9500mg/m³
- 8.2. Exposition:** Maintain proper ventilation.
- 8.3. Individual protection equipment:** Avoid prolonged contact with skin and eyes. To prevent from possible projections, wear suitable gloves and safety goggles.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance	Viscous liquid, beige to orange
9.2. Odour	Characteristic
9.3. pH	2.5-4.0
9.4. Boiling point	Not determined
9.5. Melting point	Not applicable
9.6. Flash point	50°C
9.7. Ignition temperature	Not determined
9.8. Auto-ignition temperature	Not determined
9.9. Explosion limits	Not determined
9.10. Vapour pressure	Not determined
9.11. Density	Not determined
9.12. Solubility in water (sol 10%)	Soluble
9.13. Solubility in alcohol (sol 10%)	Partially soluble
9.14. Distribution coefficient (n-octanol / water)	Not determined
9.15. Viscosity	10,000-25,000 mPas
9.16. Temperature of decomposition	Not determined

10. STABILITY AND REACTIVITY

- 10.1. Conditions to avoid :** Heating, Avoid temperatures close to or above the flash point.
- 10.2. Material to avoid :** Metal packaging
- 10.3. Hazardous decomposition products :** None
- 10.4. Other data :** The product do not decompose if used in conform to the prescription.

11. TOXICITY INFORMATION

11.1. Acute Toxicity	Not determined
11.2. Eye Irritation	Slightly irritant
11.3. Skin irritation	Not irritant
11.4. Sensitivity	Not determined
11.5. Phototoxicity	Not determined
11.6. Mutagenic effect on the germinal cells	Not determined
11.7. Carcinogenic	Not determined
11.8. Reproductive toxicity	Not determined
11.9. Certain organs target toxicity (exposition unique)	Not determined
11.10. Certain organs target toxicity (exposition repeat)	Not determined
11.11. Danger of aspiration	Not determined

12. ECOLOGICAL INFORMATION

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

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

N° ONU 1993
Flammable liquid, n.o.s.
Class 3
Classification code F1
Label 3

Maritime Transport IMDG

Packaging group III
N° ONU 1993
Flammable liquid, n.o.s.
Class 3
Classification code F1
Label 3

Air transport IATA

Packaging group III
N° ONU 1993
Flammable liquid, n.o.s.
Class 3
Classification code F1
Label 3
Packaging group III

15. REGULATORY INFORMATION

Labelling

R10 Flammable

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Precaution advice

S7/9 Keep container tightly closed and in a well-ventilated place

S16 Keep away from any sources of ignition. No smoking

S33 Take precautionary measures against static discharges

S43 In case of fire, use sand, carbon dioxide or any powder extinguishers. Never use water.

S46 If swallowed, seek medical advice immediately and show this container or label

S60 This material and its container must be disposed of as hazardous waste

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

16. OTHER INFORMATION

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