

BIOCHELA FREE
F-597
1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Company identification : See address below.
Product code : 597
Trade name : BIOCHELA FREE.
Use : Industrial.

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is not considered to be hazardous but contains hazardous components.

Substance name	Value(s)	CAS no	EC no	EC index	Classification
Dodecylbenzene sulphonic acid	: 1 to 5 %	27176-87-0	----	----	Xn; R22 C; R34
Sodium nitrate	: 5 to 10 %	7631-99-4	231-554-3	----	O; R8 Xn; R22 Xi; R36/37/38
Alcohol ethoxylate	: 1 to 5 %	68439-45-2	----	----	Xn; R22 Xi; R41

Other information : This product contains also : Liquid formulation of non pathogenic viable bacterial cultures.

3 HAZARDS IDENTIFICATION

Main hazards : This product is not considered to be hazardous.
 Class I micro organisms (European Federation of Biotechnology).

4 FIRST AID MEASURES

- Inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
- Skin contact : Wash skin with mild soap and water. Seek medical attention if irritation develops.
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Retract eyelids often. Seek medical attention if irritation develops.
- Ingestion : Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Seek medical attention if ill effect develops.
Note to physician : Organisms used are non pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.

5 FIRE-FIGHTING MEASURES

Flammable class : Not flammable.
Extinguishing media : Use extinguishing media appropriate for surrounding fire.
Surrounding fires : Use water spray or fog for cooling exposed containers.
Special exposure hazards : When heated to decomposition, emits dangerous fumes. Nitrogen oxides. Carbon monoxide. Carbon dioxide.
Protection against fire : Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Evacuate unnecessary personnel.
 Equip cleanup crew with proper protection.
Environmental precautions : Prevent entry to sewers and public waters.
After spillage and/or leakage : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Flush with plenty of water.

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7 HANDLING AND STORAGE

- Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.
- Storage** : Do not store in metallic containers.
Store in dry, well-ventilated area.
Protect from freezing.
- Handling** : Where contact with eyes or skin is likely, wear suitable protection.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Hand protection** : Use neoprene or rubber gloves.
- **Skin protection** : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- **Eye protection** : Chemical goggles or safety glasses.
- **Ingestion** : When using, do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Liquid.
- Colour** : Creme.
- Odour** : Mild. Soap-like
- pH value** : ca 8.5
- Density [kg/m³]** : ca 1000

10 STABILITY AND REACTIVITY

- Hazardous decomposition products** : None under normal conditions.
- Hazardous Polymerization** : None known.
- Materials to avoid** : Strong acids. Strong alkalis. Strong oxidizing agents.

11 TOXICOLOGICAL INFORMATION

- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
 - **Dermal** : Repeated or prolonged skin contact may cause irritation.
Repeated or prolonged skin contact may cause defatting and dermatitis.
 - **Ocular** : Direct contact with the eyes is likely slightly irritating.
 - **Ingestion** : May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.
- Other toxicological information** : It is advisable to cover open wounds when using this product.

12 ECOLOGICAL INFORMATION

- On product** : No specific risk for the environment.

13 DISPOSAL CONSIDERATIONS

- Disposal** : Dispose in a safe manner in accordance with local/national regulations.

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14 TRANSPORT INFORMATION

General information : Not classified.

15 REGULATORY INFORMATION

Symbol(s) : None.
R Phrase(s) : None.
S Phrase(s) : S24/25 - Avoid contact with skin and eyes.

16 OTHER INFORMATION

Relevant R-Phrases in heading 2 : R08 - Contact with combustible material may cause fire.
R22 - Harmful if swallowed.
R34 - Causes burns.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R41 - Risk of serious damage to eyes.

Further information : Specifications and technical information on the product may be obtained by your dealer.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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