

	MATERIAL SAFETY DATA SHEET	Page : 1 / 3
		Revision nr : 1
		Date : 2/11/2006
		Supersedes : 0/0/0
Democlean Bio Formulation		593D

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Company identification : Demon International
 Abbots Close
 Lee Mill Industrial Estate, Ivybridge,
 Devon PL21 9AG United Kingdom
 TEL. 01-752-690-690
 FAX 01-752-690-919

Product code : 593D

Trade name : Democlean Bio Formulation.

Use : Industrial.

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS no	EC no	EC index	Classification
Sodium metasilicate	5 to 10 %	6834-92-0	229-912-9	014-010-00-8	C; R34 Xi; R37

Rat oral LD50 [mg/kg] : 1153
LC50-96 Hour - fish [mg/l] : 124

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

3 HAZARDS IDENTIFICATION

Main hazards : Class I micro organisms (European Federation of Biotechnology).
 Irritating to eyes and skin.

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. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

Protection against fire : Use self-contained breathing apparatus when in close proximity to fire.

Demon International

Abbots Close Lee Mill Industrial Estate, Ivybridge, Devon PL21 9AG United Kingdom
 TEL. 01-752-690-690
 FAX 01-752-690-919

	MATERIAL SAFETY DATA SHEET	Page : 2 / 3
		Revision nr : 1
		Date : 2/11/2006
		Supersedes : 0/0/0
Democlean Bio Formulation		593D

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection.
- After spillage and/or leakage** : For small spills flush to waste sewer (product is biodegradable)
For large spills contain and collect for re-use.

7 HANDLING AND STORAGE

- Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.
- Storage** : Store in dry, well-ventilated area.
Protect from freezing.
Do not store in metallic containers.
- 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** : Opaque.
Off-white to light yellow.
- Odour** : Herbal
- pH value** : ca 10.5
- 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.
- Conditions to avoid** : Extremely high or low temperatures.

11 TOXICOLOGICAL INFORMATION

- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- **Dermal** : Irritating to skin.
Repeated or prolonged skin contact may cause defatting and dermatitis.
- **Ocular** : Irritating to eyes.
- **Ingestion** : May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.

Demon International

Abbotts Close Lee Mill Industrial Estate, Ivybridge, Devon PL21 9AG United Kingdom
TEL. 01-752-690-690
FAX 01-752-690-919

	MATERIAL SAFETY DATA SHEET	Page : 3 / 3
		Revision nr : 1
		Date : 2/11/2006
		Supersedes : 0/0/0
Democlean Bio Formulation		593D

12 ECOLOGICAL INFORMATION

On product : No specific risk for the environment.
Can be poured into any sewer. Product favours oil degradation in sewers and wastewater facilities.

Biodegradation [%] : 98

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

General information : Not classified.

15 REGULATORY INFORMATION

Symbol(s)



R Phrase(s) : Irritant.
R36/38 - Irritating to eyes and skin.

S Phrase(s) : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 - Wear suitable gloves.

16 OTHER INFORMATION

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.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document

Demon International

Abbotts Close Lee Mill Industrial Estate, Ivybridge, Devon PL21 9AG United Kingdom
TEL. 01-752-690-690
FAX 01-752-690-919