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		Revision nr : 1
		Date : 19/4/2007
		Supersedes : 0/0/0
BIO OIL DIGESTER		593

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

Company identification : tensid uk ltd
Aquila House,70A Wheatash Road
Addlestone
Surrey KT15 2ES United Kingdom
Tel. 01932 564133

Product code : 593

Trade name : BIO OIL DIGESTER.

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.

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.

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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.

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

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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)



: Irritant.

R Phrase(s)

: 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.

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