



Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: ECO-TRAP (Bloc)
Reference Number: NA
Manufacturer: Bionetix International
21040 rue Daoust, Ste-Anne-de-Bellevue, QC, Canada H9X 4C7

Emergency Tel.: 514.684.9393
E-mail Address: info@bionetix.ca
Intended Use: Industrial and institutional use: grease trap treatment

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS (% by weight)	SYMBOL	RISK
Viable bacteria culture	NA	1 - 5	NA	NA

3. HAZARD IDENTIFICATION

Bacterial Culture: non-pathogenic
Surfactant Blend: non-hazardous

4. FIRST AID MEASURES

Eye: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.

Skin: Exposure can cause skin irritation if the person has a history of dermal allergic reaction. Do not use on open wounds or irritated skin. Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap.

Inhalation: NA

Ingestion: Do not induce vomiting. Have conscious person drink several glasses of water or milk. Never give an unconscious person anything to ingest. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Fire: The product is non-flammable. Extinguishing media: use water spray or fog

Hazard: None in normal use. Large dust accumulations can be explosive.

Protection: Chemical protection suit with self-contained breathing apparatus and suitable gloves and boots.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment.

Spills and Leaks: Dilute with water and mop up, place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulations.

Environmental Protection: The bacteria and carriers are naturally occurring and should not pose an environmental risk.

7. HANDLING AND STORAGE

Handling: Avoid creating dust. This material must not be used for direct contact with food.

Storage: Store in a dry, cool and well-ventilated area between 5°C to 40°C and away from direct sunlight. Keep out of reach of children. Avoid contact with eyes. Do not ingest. Avoid food contamination.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Gloves:	Wash hands after use. Gloves recommended
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment
Eyes:	Safety glasses or goggles recommended
Other:	Wash skin after exposure. Overalls and boots recommended
Eng. Controls	Ensure that eyewash stations and safety showers are proximal to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink solid block
Odor:	Pine
pH:	(concentrate): 6.0 – 7.0 when diluted with water
Boiling Point/Range:	Weighted average: 100°C (212°F)
Freezing Point/Range:	NA
Flash Point:	NA
Flammability:	Not flammable under normal conditions of storage and handling
Auto-ignition Temperature:	NA
Explosive Limits:	NA
Oxidizing Properties:	None
Vapor Pressure:	NA
Relative Density:	0.6 to 0.8
Solubility:	Moderate – disperses in water; not soluble in solvent
Partition Coefficient:	NA
Viscosity:	NA
Vapor Density:	Weighted average: 1 (air=1)
Volatility:	NA
Specific Gravity:	0.995 to 1.005 (water =1)

10. STABILITY AND REACTIVITY

Stability:	The product is stable under normal storage and handling conditions.
Decomposition Products:	See fire degradation products
Conditions to Avoid:	Moisture and heat
Reactivity:	Not considered to be reactive according to our database.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin contact, eye contact, ingestion.
Toxicity for Animals:	NA
Acute Effects:	Eyes maybe irritated upon contact. Ingested may cause diarrhea or nausea. Skin exposure can cause irritation if history of dermal allergic reaction.

12. ECOLOGICAL INFORMATION

Environmental Effects:	Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms. The carriers are naturally occurring materials.
Mobility:	Disperses in water
Degradability:	Contents are biodegradable.
Bio-accumulative Potential:	Not likely
Aquatic Toxicity:	Not known

13. DISPOSAL CONSIDERATIONS

Substance:	Via an authorized waste disposal contractor to an approved waste disposal site, observing all pollution control regulations.
Container:	As substance.

14. TRANSPORT INFORMATION

Not regulated for transport

UN Number:	Class:
Primary Hazard:	Subsidiary Hazard:
Packing Group:	Emergency Action Code:
H.I. Number:	Marine Pollutant:
Proper Shipping Name:	

15. REGULATORY INFORMATION

Hazard Symbols: NA
Risk Phrases: R36 Irritating to eyes.
Safety Phrases: S2 Keep out of the reach of children.
S13 Keep away from food, drink and animal foodstuffs.
S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.

National Regulations:

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. OTHER INFORMATION

Microbial Formulation: The product formulation contains a range of naturally occurring microorganisms which are known to be non-pathogenic to man or animals.

Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and the USDA.

Prepared by: MSDS Coordinator, May 15, 2009

Notice to reader:

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