



envirocare systems
clean + green at heart

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: Greenheart OilSeal

Recommended use: Waterless Urinals

Supplier: Envirocare Systems Pty Ltd
ABN: 68 108 585 495
Street Address: Unit 3, 5 Carney Road
Welshpool WA 6106

Telephone: (08) 9451 1165
Facsimile: (08) 9451 1209

Emergency Telephone number: (08) 9451 1165 (9:00am – 5:00pm)
0419 880 336

2. HAZARDS IDENTIFICATION

Bacterial culture non pathogenic

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Biodegradable oil based additive for use in waterless urinals

Appearance: Blue Liquid

Components not listed are either non hazardous or in concentration of less than 1%.

CHEMICAL ENTITY	CAS NO.
Concentrated Bacterial Cultures	N/A
White Mineral Oil	8042-47-5

Hazardous ingredient / impurity

% Conc.

Classification

Exposure

CAS

EINECS

None

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4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

Inhalation: No significant adverse health effects are expected to occur upon short term exposure to this product. Inhalation of petroleum-based mineral oils can cause respiratory irritation or other pulmonary effects after repeated or prolonged inhalation of oil mists at concentrations above applicable workplace exposure levels.

Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention

Ingestion: If swallowed in quantities greater than one teaspoon, this material can cause a laxative effect.

Do not induce vomiting or give anything by mouth. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Never give anything by mouth to a person who is not fully conscious. Do not leave victim unattended. Seek medical attention immediately.

Eye Contact: May cause irritation.

Remove contact lenses. Flush eyes with cool, clean, low-pressure water while occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

Skin Contact: May cause mild, transient skin irritation with short-term exposure. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne.

Wash exposed skin with soap and water. Remove contaminated clothing and wash before reuse. Discard contaminated leather goods. If large areas of the skin are damaged or if irritation persists seek medical attention

Notes to physician: White Mineral Oil presents a high aspiration hazard. Induction of emesis is not recommended because of the potential for aspiration. Aspiration may produce chemical pneumonitis. Treatment may involve careful gastric lavage if performed soon after ingestion or in patients who are comatose or at risk of convulsing. Protect airway by placement in Trendelenburg and left lateral decubitus position or by cuffed endotracheal intubation. Subcutaneous or intramuscular injection requires prompt surgical debridement.

Immediate Treatment / Antidote: symptomatic treatment

Delayed Effects: bacterial infection

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

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Suitable extinguishing media: Use dry chemical, foam, carbon dioxide, or water fog.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, smoke, fumes, and Un-burned hydrocarbons.

Special Properties: When heated above its flash point temperature, this material will release vapours which, if exposed to an ignition source, can ignite. In enclosed spaces vapours can ignite with explosive force. Mists or spays may burn at temperatures below the flash point.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: The bacteria is naturally occurring and should not pose an environmental risk.

Clean up Procedure: Slipping hazard, do not walk through spilled material. For small spills, absorb or cover with dry earth or sand and place in suitable labelled containers and hold for waste disposal. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

7. HANDLING AND STORAGE

Handling:

Ventilation: Good general ventilation.

Recommended procedures & equipment: avoid creating mist

Storage:

Temperature: Do not store at temperatures above 48°C /120°F or in direct sunlight for extended periods of time.

Humidity range: all.

Keep away from: See section 10, do not store with strong oxidizing agents.

Suitable storage media: original container with closed lid

Precautions against static discharge: recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: None

Personal Protective Equipment:

Respiratory: Mask (under normal use should not be necessary)

Hand: Wash hands after use. Gloves recommended

Eye: Safety glasses or goggles recommended.

Skin: Wash after exposure. Overalls and boots shield are recommended under exceptional circumstances such as fire or for prolonged contact with bulk quantities. (Under normal use should not be necessary)

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act.

Hygiene Measures: Always wash thoroughly after handling chemicals.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid, Blue
Odour	Cherry
pH	Not Available
Boiling Point/range	Not Available
Melting Point/range	AP -9°C (AP 16°F)
Flash point	Not Applicable
Flammability	Not flammable under normal conditions of storage and handling.
Autoignition temperature	Not Available
Explosive limits	Not Known
Oxidizing Properties	Not Known
Vapour Pressure	Not Known
Relative density	Not Known
Solubility in water	Insoluble in cold water
Solubility in solvent	Not Known
Partition coefficient	Not Applicable
Viscosity (cSt@ 40°C)	11-19
Vapour density	Not Known
Evaporation rate	Not Known
Conductivity	Not Known

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions.

Conditions to avoid: Accumulations of product in enclosed spaces and generation of mist. Keep away from extreme heat, sparks, open flame and strongly oxidizing conditions.

Materials to avoid: Acids and Alkalis may inactivate the bacterial cultures and strong oxidizers.

Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION

Toxological effects: For other health related information refer to section 4

12. ECOLOGICAL INFORMATION

Environmental Effects: Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms.

Degradability: Not known

Aquatic Toxicity: expected to be toxic.

13. DISPOSAL CONSIDERATIONS

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance.

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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 Water treatment compounds, bacterial culture.

15. REGULATORY INFORMATION

Label Name Greenheart OilSeal

Symbols no risk or safety phrases stipulated

Risk Phrases no risk or safety phrases stipulated

Safety Phrases no risk or safety phrases stipulated

Use of this material may be governed by the following regulations:- (users are advised to consult these regulations for further information).

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

16. OTHER INFORMATION

This material must not be used for direct contact with food

This MSDS summarises at the date of issue or best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Envirocare Systems cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

END OF M.S.D.S