



SAFETY DATA SHEET

ENVIRO GREENDET

Revision date: 20.03.2024

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SECTION 1: Product and Company Identification

Product Identifier:

Name: ENVIRO GREENDET

Product Description:

Laundry Detergent.

Trade Name:

ENVIRO GREENDET

Chemical Family:

Surfactants

Chemical Name:

Formulated product

UN No.:

3082

Details of the Supplier:

Prime Cleaning Suppliers (Pty) Ltd.

1 Mints Street

Old Mint Park

Louwardia, 1683

Postal Address:

PO Box 2433

Halfway House

Midrand 1685


Telephone:

011 314 3014

Website:

www.primecs.co.za

SECTION 2: Product and Company Identification

<u>2.1 Classification of the substance or mixture</u>	
Hazard Ingredients:	None.
Adverse human health effects:	XI Irritant
<u>2.2 Label elements</u>	
Signal word:	Caution
Pictograms:	
Hazard statements:	Causes eye irritation.



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Precautionary statements:	Keep out of reach of children.
Environmental effects:	High concentrations are hazardous to aquatic life.
Physical hazards:	None.
Chemical hazards:	Non-flammable

SECTION 3: Composition/information on ingredients

Substance	CAS Number	% (w/w)
Sodium Dedecylbenzyenesulfonate	25155-30-0	<15%
Sodium Lauryl Ether Sulphate	9004-82-4	<25%
Sodium Hydroxide	1310-73-2	<1.2%

SECTION 4: First aid measures

Inhalation:	Ensure good ventilation in the area where product is used. If throat irritation occurs, remove person to fresh air and seek medical advice if symptoms persist. Consult a doctor.
Eye contact:	Flush eyes with clean water for at least 15 minutes and consult a doctor as soon as possible.
Skin contact:	Prolonged exposure may cause irritation. Rinse exposed skin with clean water. If symptoms arise consult a doctor
Ingestion:	Rinse out mouth and drink as much water as possible. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately.



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SECTION 5: Firefighting measures

Non-flammable	
Extinguishing media:	Water spray, carbon Dioxide, alcohol resistant foam, dry chemicals, sand.
Specific hazards:	Fumes containing carbon oxides, nitrogen oxides, phosphorus oxides, sodium oxides and hydrogen chloride gas are likely to develop under fire conditions. Do not let the run-off from firefighting enter watercourses or drains.
Protection during firefighting:	Protection of firefighters: Wear positive-pressure, self-contained breathing apparatus and protective firefighting clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measure

Personal precautions:	Use personal protective equipment. Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions:	Prevent contamination of surface and ground water. Prevent entry into sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods for cleaning up:	Soak up small spills with absorbent material, remove with rubber shovel and collect for disposal for large spills dike and pump into appropriate containers. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according



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to local / national regulations.

SECTION 7: Handling and storage

Handling:	Avoid inhalation of vapour or mist. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapours. Do not breathe vapours.
Storage:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from children.

SECTION 8: Exposure controls/personal protection

Engineering measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use only where access to clean running water is available.	
Personal protective equipment:	Respiratory	-
	Face	-
	Eyes	-
	Hands	-
	Skin/body	-

SECTION 9: Physical and chemical properties

<u>Physical state</u>	
Form	Viscous Liquid
Colour	Green
Odour	Lemon



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pH	6.0 – 8.0
Solubility	Fully miscible in water
Wetting	-
Emulsification	-
Free rinsing	-
Density	1.1 g/cm ³

SECTION 10: Stability and reactivity

Stability:	Stable under normal storage conditions.	
Reactivity	Materials to avoid:	Also avoid strong oxidising agents and organic materials.
	Hazardous Decomposition products:	Not known.

SECTION 11: Toxicological information

Acute toxicity	<p><u>Sodium Dodecylbenzenesulfonate</u> LD50 Oral - rat - 438 mg/kg</p> <p><u>Sodium Lauryl Ether Sulphate</u> LD 50 Oral – rat > 2000 mg/kg</p>
Carcinogenicity	No data available.
Potential health effects	<p><u>Sodium Dodecylbenzenesulfonate</u> May be harmful if inhaled. Causes respiratory tract irritation. Harmful if swallowed. May be harmful if absorbed through skin. Causes skin irritation. Causes eye burns.</p> <p><u>Sodium Lauryl Ether Sulphate</u> May produce significant skin irritation after prolonged use. May cause severe, possibly permanent eye damage.</p>



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SECTION 12: Ecological information

Toxicity:	Algae	<u>Sodium Dodecylbenzenesulfonate</u> mortality NOEC - Daphnia - 4 mg/l -7 d
	Fish	<u>Sodium Dodecylbenzenesulfonate</u> mortality NOEC - Oncorhynchus kisutch - 3,1 mg/l - 3 d mortality LOEC - Oncorhynchus kisutch - 5,6 mg/l - 3 d
	Algae	No data available.
Biodegradability:		<u>Sodium Lauryl Ether Sulphate</u> Readily biodegradable.
Bio accumulative Potential		No data available.

SECTION 13: Disposal considerations

Product waste disposal recommendation	Avoid release to the environment. Collect in appropriate containers and dispose of in accordance with local regulations.
Contaminated packaging	Avoid release to the environment. Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN number:	3082
Packaging group:	Not applicable
Marine pollutant:	No
Rail/road (RID/ADR):	No additional information available
Sea (IMO/IMDG):	No additional information available
Air (ICAO/IATA):	No additional information available




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SECTION 15: Regulatory information

EEC regulations:	Xi - Irritant	
Hazard Symbol:		
R-Phrases	R41	Risk of serious damage to the eyes.
S-Phrases:	S2 -	Keep out of reach of children.
	S23 -	Do not breath gas/fumes/vapour/mist
	S25 -	Avoid contact with eyes
	S26 -	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S46 -	If swallowed, seek medical advice immediately and show this container or label.
	S57 -	Use proper containment to prevent environmental contamination
	S61 -	Avoid release into the environment

SECTION 16: Other information

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.

Information included in this document is based on our present state of knowledge; however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replacing it.