



# MATERIAL SAFETY DATA SHEET

## SECTION 1 : PRODUCT IDENTIFICATION

Product Name : **Greenlife Laundry detergent**  
 Product use: Liquid laundry detergent  
 WHMIS Class : D2B

TDG Classification : Not regulated  
 PIN Number : n.a.  
 T.D.G. Shipping Name : n.a.

**WISH :**

Health :	1
Flammability :	0
Reactivity :	0
Personal :	
Protection :	B

Supplier : Cansew inc.  
 Address : 111 Chabanel west # 101  
 Montreal, Qc, Canada, H2N 1C9  
 Telephone : 1-800-361-7722

Emergency phone : 418-894-3887

## SECTION 2 : HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt %</u>	<u>TVL</u>	<u>LC50</u>	<u>DL50</u>
Fatty, alcohol, ethoxylate	68131-39-5	20 - 50			4.1 g/Kg (oral, rat)
Sodium N, N-Bis (carboxy Methyl) glycine	18662-53-8	1 - 10			3.7 g/Kg (oral, rat)
Ethanolamine Alkyl Benzene sulfonate	68584-22-5	1 - 3			2.1 g/Kg (oral, rat)

## SECTION 3 : PHYSICAL DATA

Boiling point (°C) : 100	Specific gravity (H <sub>2</sub> O = 1) : 1.04 at 25°C
Vapour pressure (mm HG) : n/a	% Volatile (Wt %) : 64%
Vapour density (Air = 1) n/a	Evaporation rate (Water = 1) : 1
Solubility in water : Complete	pH (as supplied) : 10.4
Physical state : Liquid	Viscosity : approx. 450 cps at 22°C
Apparence and Odour : Clear, yellow Liquid, perfume odour	Odour Threshold (ppm) : n.a.

## SECTION 4 : FIRE AND EXPLOSION DATA

flammability : Not flammable, not combustible  
 Flash Point (TCC, °C) : > 100      LEL: n. appl.      UEL : n. appl.  
 Hazardous Combustion Products : Smoke, carbon, oxides, nitrogen oxides, sulphur oxides.  
 Autoignition Temperatre (°C): n.a.  
 Means of extinction : Water, foam, dry chemicals, carbon dioxide.  
 Special Fire Hazards : A stream of water directed into the product generates a lot of foam



Laundry detergent

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### SECTION 5 : REACTIVITY DATA

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**Condition for Chemical Instability:** This product is stable under normal conditions. It does not polymerize.

**Incompatible Materials :** Strong oxidizing agents, acids.

**Reactivity, and Under What Conditions :** Avoid excessive heat.

**Hazardous Decomposition Products :** The thermal decomposition can produce carbon, nitrogen and sulphur oxides, volatile amines.

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### SECTION 6 : TOXICOLOGICAL PROPERTIES

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**Route of entry :** Eyes, skin, ingestion, inhalation.

#### **EFFECTS OS ACUTE EXPOSURE :**

**Eye :** Severe eye irritation.

**Skin :** Skin dryness and irritation may appear on some persons.

**Ingestion :** Nausea, vomiting, abdominal pain, diarrhea.

**Inhalation :** Not applicable

#### **EFFECTS OF CHRONIC EXPOSURE :**

**Irritancy :** Frequent and prolonged contact may produce dry skin, irritation and redness.

**Skin Sensitization :** Repeated contact may produce sensitization on some persons.

**Carcinogenicity :** None, not reported.

**Tératogenicity, Reproductive effects :** n.a.

**Mutagenicity :** n.a.

**Synergistic Materials :** Soap, solvents.



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## SECTION 7: PREVENTIVE MEASURES

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**Gloves** : Plastic and rubber gloves to manipulate large quantities in bulk.

**Eye protection** : Safety glasses with side shields to manipulate large quantities.

**Respiratory Protection** : Not required, if adequate ventilation is available.

**Other Protective Equipment** : Waterproof boots if large spill.

**Engineering Controls** : Install eye wash station and safety shower if large quantities are handled.

**Leak and spill Procedure** : Wear protective equipment. Stop the leak. Pump the product into drums for disposal. Resume cleaning by rinsing with water.

**Waste Disposal** : Landfill according to existing federal, provincial and municipal regulations or incinerate by experts. Organic matter in this product is biodegradable.

**Storage Requirements** : Keep in original tightly closed containers, in a room below 30 °C.

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## SECTION 8 : FIRST AID

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**Eyes** : Remove contact lenses. Rinse with plenty of water for several minutes, keeping eyelids open. Seek immediate medical attention should redness, pain or an irritation develop.

**Skin** : Rinse with water. Remove soiled clothes and wash before wearing. Apply a moisturizing cream if skin is dry.

**Inhalation** : Bring the person to fresh air.

**Ingestion** : Give a plenty of water. Do not induce vomiting. Seek medical attention.



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## SECTION 9 : PREPARATION INFORMATION

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Date : April 20, 2011

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### Disclaimer

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Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information or ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).