



# SUPER X LAUNDRY LIQUID

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION OF PRODUCT AND COMPANY

<b>PRODUCT NAME:</b>	<b>GREENMAN SUPER X LAUNDRY LIQUID</b>
<b>PRODUCT APPLICATION:</b>	<i>Laundry detergent</i>
<b>PRODUCT PACKAGING:</b>	<i>5kg, 25kg drums</i>
<b>COMPANY IDENTIFICATION:</b>	<i>Greenman International</i>
<b>ADDRESS:</b>	<i>Four Days Walk Pinelands, Cape Town South Africa</i>
<b>EMERGENCY TELEPHONE:</b>	<i>Tel: +27 (0) 86 099 5233</i>
<b>Email:</b>	<i>info@greenmaninternational.com</i>
<b>Web:</b>	<i>www.greenmaninternational.com</i>

### HAZARDOUS IDENTIFICATION

<b>HAZARD CLASSIFICATION:</b>	<i>Non-hazardous</i>
<b>RISK PHRASES:</b>	<i>Not applicable</i>
<b>SAFETY PHRASES:</b>	<i>Not applicable</i>

### COMPOSITION/INFORMATION ON INGREDIENTS

<b>HAZARDOUS INGREDIENTS:</b>	<i>Fatty Alcohol Ethoxylates Contains Anionic, Non-Anionic and Cationic Surfactants</i>
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### FIRST AID MEASURES

<b>INHALATION:</b>	<i>Move patient to open air and supply oxygen or artificial respiration.</i>
<b>SKIN:</b>	<i>Wash thoroughly with water.</i>
<b>EYE:</b>	<i>Rinse with water for 15 minutes. Will cause some discomfort.</i>
<b>FIRST AID FACILITIES:</b>	<i>Not applicable</i>
<b>ADVICE TO DOCTOR:</b>	<i>Not applicable</i>

### FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	<i>Carbon dioxide / dry regular foam. Protective Clothing: Positive – Pressure self-contained breathing apparatus.</i>
<b>SPECIFIC METHOD:</b>	<i>Not applicable.</i>
<b>SPECIFIC HAZARDS:</b>	<i>Not applicable.</i>

## ACCIDENTAL RELEASE MEASURES

<b>EMERGENCY PROCEDURES:</b>	<i>Minimise skin contact. Personnel must wear full protection gear to protect themselves from unnecessary contact with the product.</i>
<b>ENVIRONMENTAL PRECAUTION:</b>	<i>This product does not contain Alkyl Phenol Ethoxylates, so there are no adverse effects of an endocrine disruptive nature that can be linked to this product.</i>
<b>SPILLS &amp; DISPOSAL:</b>	<i>Small Spill: Absorb with sand. Large Spill: Contain with absorbent.</i>

## HANDLING AND STORAGE

<b>SAFE HANDLING &amp; STORAGE:</b>	<i>HD Polyethylene containers. Avoid heat.</i>
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## EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	<i>Ventilate or use self-contained breathing apparatus where ventilation is insufficient. Eye wash fountains and emergency showers should be available.</i>
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	<i>Personal protection hands: Wear PVC Gloves. Personal Protection eye: Wear Goggles, face shield. Personal Protection skin: Wear an Apron.</i>

## PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE &amp; COLOUR:</b>	<i>Blue/Amber.</i>
<b>ODOUR:</b>	<i>Omo-Fresh or Ocean Fresh. Characteristics: (ETHER/ALCOHOL/ETHOXYLATE)</i>
<b>SOLUBILITY IN WATER:</b>	<i>Fully Soluble.</i>
<b>SOLUBILITY IN SOLVENT:</b>	<i>Not Soluble.</i>
<b>DENSITY:</b>	<i>ca. 1.04 +/- 0.02 kg/l</i>
<b>BOILING POINT:</b>	<i>&gt;90 Deg C</i>
<b>FLASH POINT:</b>	<i>&gt;200 DEG C</i>
<b>FLAMMABILITY:</b>	<i>Combustible at high temperatures.</i>

## STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b>	<i>Stable under ambient conditions.</i>
<b>CONDITIONS TO AVOID:</b>	<i>Do not store indirect sunlight or a hot place.</i>
<b>MATERIALS TO AVOID:</b>	<i>Possible some grades of P.E.T.</i>
<b>HAZARDOUS DECOMPOSITION:</b>	<i>Carbon dioxide will be given off if the product is exposed to flames at high temperatures. Product will not burn by itself.</i>

## TOXICOLOGICAL INFORMATION

<b>TOXICOLOGY INFORMATION:</b>	<i>Acute oral LD50 – RAT: No data</i>
<b>INHALATION:</b>	<i>Move patient to open air and supply oxygen or artificial respiration.</i>
<b>INGESTION:</b>	<i>See medical attention.</i>
<b>SKIN:</b>	<i>Irritant to skin.</i>
<b>EYE:</b>	<i>Irritant to eyes.</i>
<b>CHRONIC EFFECTS:</b>	<i>Slight risk of organ damage if taken orally in large amounts. As with all products of this class.</i>

## ECOLOGICAL INFORMATION

### AQUATIC TOXICITY:

*Fish: Non-toxic.  
Daphnia: Non-toxic.  
Algae: Non-toxic.*

**NOTE: THE AQUATIC TOXICITIES ABOVE (NON-TOXIC\*) REFER TO FINAL EFFLUENT WATER WHERE THE PRODUCT HAS ALREADY BEEN ESSENTIALLY REMOVED FROM RUN-OFF WATER THROUGH AN OIL SEPARATOR AND IS DILUTED TO A LEVEL WHERE THE CONCENTRATION IN THE FACTORY FINAL EFFLUENT IS LESS THAN 1000 TIMES THE SUPPLIED PRODUCT CONCENTRATION.**

### PERSISTENCE / DEGRADABILITY: BIO ACCUMULATION:

*Yes  
No, only environmentally acceptable raw materials are used in production.*

### ENVIRONMENT PROTECTION:

*Not applicable.*

## DISPOSAL CONSIDERATION

Contact the Land Waste Management Authority in your area.

## TRANSPORT INFORMATION

### SHIPPING NAME: HAZARD CLASS: PACKING GROUP:

*Transport as multiload.  
111  
Not applicable.*

## REGULATORY INFORMATION

### H-PHRASE:

*H303: May be harmful if swallowed.  
H318: Causes serious eye damage.  
H373: May cause damage to organs through prolonged or repeated exposure.*

### P-PHRASE:

*P102: Keep out of reach of children.  
P261: Avoid breathing mist.  
P262: Do not get in eyes, on skin.  
P281: Use personal protective equipment as required.  
P302+352: If on skin: wash with soap and water.  
P305+351+338: If in eyes: rinse continuously with water for several minutes. Remove contact lenses as easy to do – continue rinsing*

**TAKE THIS MSDS TO THE DOCTOR WHEN SEEKING MEDICAL ATTENTION!**

## OTHER INFORMATION

*This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.*

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