

# MATERIAL SAFETY DATA SHEET

<b>Product</b>	<b>HMS Hazard Ratings</b>		
Rose Liquid Hand Soap	Health	0	0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
	Flammability	0	
	Reactivity	0	

Transportation Information											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Proper Shipping Name</td><td style="text-align: center;">none</td></tr> <tr><td>Hazard Class/Division</td><td style="text-align: center;">none</td></tr> <tr><td>Reference</td><td style="text-align: center;">none</td></tr> <tr><td>Identification</td><td style="text-align: center;">none</td></tr> <tr><td>Label</td><td style="text-align: center;">none</td></tr> </table>	Proper Shipping Name	none	Hazard Class/Division	none	Reference	none	Identification	none	Label	none
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Manufacturer
Greenleaf Cleaning Solutions PO Box 64-125, Botany Downs, Auckland New Zealand Ph: 64 9 530 9550 Fx: 64 9 530 8588 info@greenleaf.co.nz

General information	
Category:	Washroom Personal Hand Care
Colour:	Pink
Hazard Classification:	Non Hazardous
Safety Code:	D - General Purpose Detergent
Precautions:	Not regarded as hazardous

Section 2: Hazardous Ingredients						
	%	ACGIH	OSHA	STEL	SARA	RQ
	optional	ppm	PEL ppm	Mg/m3	Title 111	lbs
Tall oil fatty acid	1.0 - 2.0	n/a	n/a	n/a	n/a	n/a
Lauryl sulfate	5.0 - 8.0	n/a	n/a	n/a	n/a	n/a

Section 3 Physical/Chemical Characteristics			
Boiling Point	212 F	Specific Gravity (H2O = 1)	1.01
Vapour Pressure (mm Hg)	17mm@20C	Melting Point	32 C
pH	n/a	% volatile (by WT)	
Vapour Density (AIR=1)	>1	Evaporation Rate (H2O = 1)	>1
Solubility in Water	Complete		
Appearance & Odour	Pink pearlescent liquid		

Section 4 Fire & Explosion Data	
Flash Point (celsius)	Non flammable
Explosive limits	n/a
Extinguishing Media	none
Special Fire Fighting Procedure	Wear protective clothing & self contained breathing apparatus
Unusual Fire & Explosion Hazards	Makes foam when agitated

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**Product**

Rose Liquid Hand Soap

**Section 5 Reactivity Data**

Stability	Unstable			Stable	<b>X</b>	
Conditions to Avoid	Extreme teperatures, keep from freezing					
Incompatibility	Strong oxidizers					
Hazardous decomposition or byproducts	Thermal decomposition may yield CO;CO2					
Hazardous Polymerization	May Occur	<b>X</b>	Conditions to Avoid n/a			
	Will Not Occur					

**Section 6 Health Hazard Data**

**Never give anything by mouth to an unconscious person**

Routes of Entry	Signs & Symptoms of Exposure	Emergency First Aid Procedures						
Inhalation	Possible Temporary Irritation	Remove to fresh air, if symptoms persist seek medical attention						
Skin	Dryness and Irritation	Wash with water for 15 minutes; remove contaminated clothing, launder before reuse						
Eyes	Contact with eyes may cause irritation	Flush eyes with water for 15 minutes with clear running water. If irritation persists get medical attention immediately						
Ingestion	May cause gastric distress	Do not induce vomiting; drink water or milk of magnesia, seek medical attention						
Health Hazards (Acute & Chronic)	Acute effects are possible irritation and discomfort, no known chronic effects have been established.							
Carcinogenicity	<table border="1"> <tr> <td>NTP</td> <td>IARC</td> <td>OSHA</td> </tr> <tr> <td>no</td> <td>no</td> <td>no</td> </tr> </table>	NTP	IARC	OSHA	no	no	no	
NTP	IARC	OSHA						
no	no	no						
Medical Conditions Generally Aggravated by Exposure	Pre-existing skin, eye or respiratory disorders may become aggravated through prolonged exposure.							

**Section 7 Precautions for Safe Handling and Use**

Respiratory Protection			
Ventilation	Local Exhaust	Special	
	Not necessary	None	
Protective Gloves	Mechanical (General)	Other	
	Recommended	None	
Other Protective Clothing	None	Eye Protection	Splash proof goggles
Work/Hygienic Practices	Impervious clothing exhibit normal safe working habits		

The information contained herein is believed to be correct. However, Greenleaf makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the uses thereof. Greenleaf assumes no responsibility for injury from the use of the product described herein.