



# Material Safety Data Sheet

SECTION 1		IDENTIFICATION	
<b>Product Name ENVIRO GRIT HAND CLEANER</b>			
UN Number	Not applicable	HAZCHEM CODE	N/R use 2[T]
Dangerous Goods Class	Not applicable	Not Hazardous	
Packaging Group	III	Poisons Schedule	Not applicable
Uses	Environmentally Friendly Cleaner	Hand Cleaner	
SECTION 2		COMPOSITION	
CHEMICAL DESCRIPTION		CAS No.	Proportion %
Non-ionic Ethoxylated, Biodegradable, surfactant			<5%
Thickening agent			<5%
Glycerol		56-81-5	<5%
Polypropylene Beads			<10%
Fatty Acid Methyl Esters		Proprietary blend	<10%
Lanoline derivatives			<2%
Triethanolamine		102-71-6	<1%
Cationic surfactant			<1%
Water		7732-18-5	Balance
SECTION 3		HAZARDS IDENTIFICATION	
<b>Most Important Hazards</b>			
Adverse human health effects	Swallowed - Mild discomfort may occur Eyes - Redness and discomfort Skin - No effect Inhaled - No effect		
Environmental effects	Biodegradable, no long term effects		
<b>Physical and Chemical Hazards</b>	Non hazardous		
Further hazards	None known None		
Classification / Specific hazards	known		
SECTION 4		FIRST AID MEASURES	
Contact with skin	Not applicable		
Contact with eyes	Flush with water		
Inhalation	Not relevant		
Other Information	If swallowed do not induce vomiting, dilute by drinking several glasses of water		
SECTION 5		FIRE - FIGHTING MEASURES	
<b>Extinguishing media</b>			
- Suitable	Not flammable, compatible with CO <sub>2</sub> , Water, Foam, DCP		

- Not suitable	None known
<b>Specific Hazards</b>	None known
<b>SECTION 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
Personal Precautions	Not Applicable
Environmental Precautions	Pick up any bulk spills and send to approved waste tip, and residues dilute before flushing to drain
Methods for cleaning up	Hose away residues to drain
<b>SECTION 7</b>	<b>HANDLING AND STORAGE</b>
<b>Handling</b>	
Technical measures	Stable under normal conditions, no known hazardous polymerization reactions
<b>Storage</b>	
Technical measures	None known
<b>Storage conditions</b>	Not essential but it is suggested to store in a cool dry place, preferably under cover
<b>Incompatible products</b>	None known
Packaging	Group III
<b>Packaging Materials</b>	
- Recommended	Epon lined tinfoil and most plastics
- Not Suitable	None known
<b>SECTION 8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
<b>Engineering measures</b>	Not relevant
<b>Personal protective equipment</b>	Not relevant Not
Hand protection	relevant
Eye protection	Avoid eye contact
Skin and body protection	Not relevant
<b>SECTION 9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
<b>Appearance</b>	
Physical state	
Form	Paste
Colour	Yellow
Odour	Fatty Acid Methyl Ester
PH	6.8 - 7.2
<b>Specific temperatures</b>	
Freezing	Not known
Boiling	Not known
<b>Flammability characteristics</b>	
Flash point	None detected (PMCC)
Oxidizing properties	None known

Specific gravity	0.965 - 0.975 g cm <sup>-3</sup>
<b>Solubility</b>	
In water	Soluble
In organic solvents	Miscible but not fully compatible, usually forms 2 layers
<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
Stability	Stable
Hazardous reactions	None known
Materials to avoid	None known but the glycerol, humectant and emollient, can react with strong oxidizers.
Hazardous decomposition products	None known
<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
Acute toxicity	Not considered toxic
Local effects	None known
Sensitisation	Not known, no reported cases.
<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
Mobility	Paste like material, not considered mobile although will ooze if left unconfined.
Biodegradability	Biodegradable product
Ecotoxicity	Transient effect only in a concentrated form, major effects should be from materials picked up from the dirty hands and rinsed off during use.
<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
Waste from residues	Rinse off to sewer system
Contaminated Packaging	Dispose of in domestic type wastes or to an approved waste tip
<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
<b>UN Number</b>	None allocated - not hazardous
<b>Hazchem</b>	2 [Z] for concentrated paste, 2 [T] for small quantities
<b>Dangerous Goods Class and Subsidiary Risk</b>	Not relevant
<b>Packaging Group</b>	III
<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
<b>Labelling</b>	
- Risk Phrases	Not applicable
- Safety Phrases	Not applicable
<b>Classifications / Symbols</b>	Not applicable
<b>Note</b>	
<b>SECTION 16</b>	<b>OTHER INFORMATION</b>

<b>Uses</b>	As a premium hand cleaner for dirty and greasy hands. Suitable for applications within workshops, garages, printing works, gardening outlets etc.
	Hydrocarbon free and containing natural ingredients it also provides skin conditioners that soften and moisturize enhancing superior cleaning performance.
	With a soft cream like appearance and easy application the special mild abrasives included are for deeply ingrained dirt.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. The responsibility for products sold is subject to our standard terms and conditions. Please read all labels carefully before using product.

<b>CHEMIST:</b>	G.A.L. Paul, FRACI, FICHe, MAIE, MFACS (Life), CSci, CP Chem, CEng	<b>DATE PREPARED;</b>	January 2008
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