



ENVIRO TECHNOLOGIES PACIFIC PTY LTD

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Material Safety Data Sheet

SECTION 1		IDENTIFICATION	
Product Name ENVIRO GRIT HAND CLEANER			
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	
Most Important Hazards			
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		
Physical and Chemical Hazards	Non hazardous		
Further hazards	None known		
Classification / Specific hazards	None 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	
Extinguishing media			
- Suitable	Not flammable, compatible with CO ₂ , Water, Foam, DCP		

- Not suitable	None known
Specific Hazards	None known
SECTION 6	ACCIDENTAL RELEASE MEASURES
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
SECTION 7	HANDLING AND STORAGE
Handling	
Technical measures	Stable under normal conditions, no known hazardous polymerization reactions
Storage	
Technical measures	None known
Storage conditions	Not essential but it is suggested to store in a cool dry place, preferably under cover
Incompatible products	None known
Packaging	Group III
Packaging Materials	
- Recommended	Epon lined tinsplate and most plastics
- Not Suitable	None known
SECTION 8	EXPOSURE CONTROLS / PERSONAL PROTECTION
Engineering measures	Not relevant
Personal protective equipment	Not relevant
Hand protection	Not relevant
Eye protection	Avoid eye contact
Skin and body protection	Not relevant
SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
Appearance	
Physical state	
Form	Paste
Colour	Yellow
Odour	Fatty Acid Methyl Ester
PH	6.8 – 7.2
Specific temperatures	
Freezing	Not known
Boiling	Not known
Flammability characteristics	
Flash point	None detected (PMCC)
Oxidizing properties	None known

Specific gravity	0.965 – 0.975 g cm ⁻³
Solubility	
In water	Soluble
In organic solvents	Miscible but not fully compatible, usually forms 2 layers
SECTION 10	STABILITY AND REACTIVITY
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
SECTION 11	TOXICOLOGICAL INFORMATION
Acute toxicity	Not considered toxic
Local effects	None known
Sensitisation	Not known, no reported cases.
SECTION 12	ECOLOGICAL INFORMATION
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.
SECTION 13	DISPOSAL CONSIDERATIONS
Waste from residues	Rinse off to sewer system
Contaminated Packaging	Dispose of in domestic type wastes or to an approved waste tip
SECTION 14	TRANSPORT INFORMATION
UN Number	None allocated – not hazardous
Hazchem	2 [Z] for concentrated paste, 2 [T] for small quantities
Dangerous Goods Class and Subsidiary Risk	Not relevant
Packaging Group	III
SECTION 15	REGULATORY INFORMATION
Labelling	
- Risk Phrases	Not applicable
- Safety Phrases	Not applicable
Classifications / Symbols	Not applicable
Note	
SECTION 16	OTHER INFORMATION

Uses	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.

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