

SAFETY DATA SHEET

Section 1: IDENTIFICATION OF MATERIAL & SUPPLIER

Supplier: Direct Source Australia Pty Ltd (ABN: 54 126 430 840)
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Product Name Enviro Gold Eco Hand Cleaner
Product codes: EGEH5, EGEH20
Other Names: None Allocated
Recommended Use: Hand Cleanser / Hand wash
Package sizes: 5L 20L

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 2: HAZARD IDENTIFICATION

GHS classification of the substance/mixture Classified as Hazardous
 Not classified as Dangerous Goods

Eye Damage/Irritation: Category 2A

Signal Word (s) WARNING

Hazard Statement (s) H319: Causes serious eye damage.

Precautionary Statement (s) P102: Keep out of reach of children.

P103: Read label before use.

Exclamation Mark

Pictogram (s)



Precautionary statement – Prevention P264: wash skin thoroughly after handling.
 P280: Wear eye protection/face protection.

Precautionary statement – Response P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

Important

This SDS and the Hazard Classifications therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:3 or greater they no longer apply. However good hygiene and housekeeping practices should be adhered to.

Emergency overview

Colour: Orange
Physical description: Liquid/gel
Odour: Characteristic citrus
Viscosity: viscous liquid

Section 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No	Proportion
p-mentha-1,8-diene (orange oil)	5989-27-5	<10% w/w
Polyalklene oxide derivative of a synthetic alcohol	103818-93-5	10-30% w/w
Ingredients determined to be non-hazardous	Various	<10% w/w
Water	7732-18-5	To 100% w/w

NOTE:

Ingredients determined not to be hazardous as present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of designated Hazardous substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous but are listed for information purposes and for additive effects.

Section 4: FIRST AID MEASURES

First Aid Measures	If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126
Inhalation (Breathing)	Remove victim to fresh air away from exposure- avoid becoming a casualty. Seek medical advice.
Ingestion (Swallowing)	Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.
Skin (Contact)	In the event of an allergic reaction, wash affected area thoroughly with soap and water.
Eye contact	Hold eyelids open and irrigate continuously with water for 20 minutes. Seek medical advice.
First Aid Facilities	Normal washroom facilities.
Advice to Doctor	Treat Symptomatically. Show this SDS to the medical practitioner.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Not combustible, however if material is involved in a fire use: fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder)
Hazards from Combustion Products	This product is non-combustible. Fumes of decomposition products may be toxic and irritating.
Special Protective Equipment for fire fighters	<p>Fire fighting-</p> <ul style="list-style-type: none"> Stop Leak if safe to do so. Send messenger to notify fire brigade and police. Tell them location, material quantity, and emergency contact. Indicate condition of vehicle and damage or injuries observed. Warn other traffic. <p>Fire/Explosion Hazard-</p> <ul style="list-style-type: none"> Water based. Not combustible. However, if involved in a fire will emit toxic fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

Minor Spills	<ul style="list-style-type: none"> Clean up all spill immediately. Avoid contact with skin and eyes. Control personal contact with the substance, by using protective equipment. For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.
Major Spills	<ul style="list-style-type: none"> Stop leak if safe to do so. In the event of a major spill, prevent spillage from entering drains or water courses. Send messenger to notify fire brigade and police. Tell them location, material quantity, and emergency contact. Indicate condition of vehicle and damage or injuries observed. Warn other traffic. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spill material may result in a slip hazard and should be absorbed into dry, inert material (e.g., sand, earth, or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contaminated of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.
Environmental Precautions	<ul style="list-style-type: none"> Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth, or other appropriate barriers.
Methods and materials for containment and cleaning up	<ul style="list-style-type: none"> Avoid contact with spilled or released material.

- Shut off leaks, if possible, without personal risks.
- Isolate hazard area and deny entry to unnecessary or unprotected personnel.
- Personal protective equipment advice is contained in section 8 of the SDS.

Section 7: HANDLING AND STORAGE

Safe Handling	<ul style="list-style-type: none"> • Wear prescribed protective clothing. • Use in well-ventilated area. • Do NOT eat, drink, or smoke when handling. • Wash hands after use. • Keep containers closed tightly when not in use. • Store in accordance to manufacturers instructions.
Other information	<ul style="list-style-type: none"> • Store in original containers. • Store in a cool, dry, well-ventilated area out of direct sunlight. • Store in approved cupboards or storage containers.

Suitable container	Bulk storage tanks should be bunded. Store in original containers provided by the manufacturer.
Storage incompatibility	Store in a well-ventilated area, away from sunlight, and other sources of heat. Do not store near strong oxidants.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values	SWA exposure limits: None established
Biological Limit Values	None established.
Appropriate Engineering Controls	Keep containers closed when not in use.
Personal Protective Equipment	When repeated exposure is expected use sensible work practices that reduce operator exposure to the product.
Eye Protection	Generally, not required for applications as per label directions. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
Skin Protection	Hand cleaner- generally not required for applications as per label directions. Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
Protective Material Types	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear orange viscous liquid with grit
Odour	Citrus
Boiling Point	Approximately 100°C
Solubility in Water	Miscible with water
Specific Gravity	1.01 – 1.02 @ 25°C
pH	6.5 – 7.5 neat
Viscosity	Not available
Flash Point	none

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Avoid contact with heat or heat sources.
Incompatible Materials	None known.
Hazardous Decomposition Products	Products can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.

Section 11: TOXICOLOGICAL INFORMATION

Inhalation	Not expected to be hazardous.
Skin	Hand cleaner- properly rinsed solutions not expected to be irritating to skin. Prolonged contact with concentrate may be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	Concentrated product causes eye irritation. Eye contact with concentrate will cause stinging. Blurring, tearing.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Chronic Effects	No long-term exposure effects are known.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Acute Aquatic Toxicity (calculated) LC50: 30 – 33 mg/L. Acute Aquatic Toxicity category 3 - Harmful to aquatic life. Note 10. LC50 > 10 mg/L but <100 mg/L.
Ecotoxicity product (at use dilution 1:100 rinse)	Not harmful to aquatic life. Acute Aquatic Toxicity NOT HAZARDOUS (LC50>100 mg/L). Acute Aquatic Toxicity (calculated) LC50: 300 – 3300 mg/L.
Persistence and degradability	Readily biodegradable, based on ingredients.
Bio accumulative potential	No Bioaccumulation is expected.

Mobility in soil Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.

Other adverse effects Not available

Environmental protection Do not discharge this material into waterways.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method To dispose of quantities of undiluted product, refer to state land waste management authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. For large scale use, e.g., Truck washing depot, a recycled water system is often recommended, or Trade Waste Licence obtained for disposal to sewer.

Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail.

UN Number None allocated

UN Proper shipping name None allocated

Transport hazard class(es) None allocated

Packing Group number None allocated

Environmental Hazards None allocated

Special Provisions None allocated

Hazchem or Emergency action code None allocated

Section 15: REGULATORY INFORMATION

SAFE WORK AUSTRALIA NOT HAZARDOUS

GHS Classification NOT HAZARDOUS

SUSMP Not scheduled

ADG Code NA

AICS All ingredients present on AICS

Section 16: OTHER INFORMATION

Contact Details: **Poisons Information Centre** 13 11 26

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DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER.
Always use product as directed. Never return any unused material to original drum.

This document is based on information concerning the product which has been provided by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While we have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Direct Source Australia Pty Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

The recommendation for protective equipment contained within this SDS is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a SDS which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.