

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 Citrus Cleaner**

Other Names: None Allocated
Recommended Use: Multipurpose Cleaner / Degreaser
Package sizes: 20L 200L

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

Section 2: HAZARD IDENTIFICATION

GHS classification of the substance/mixture **Acute Toxicity:** Oral, Category 4
Skin Irritation: Category 3
Serious Eye Damage / Irritation: Category 2B

Signal Word (s) Warning

Pictogram (s)



GHS Hazard Phrases: H302 Harmful if swallowed.
H315 Causes Skin irritation.
H318 Causes serious eye irritation.

Precautionary Statement (s) Keep closed and away from children. Keep away from heat or flame.

Precautionary statement – Prevention P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves and eye protection

Precautionary statement – Response P301+P312 IF SWALLOWED: Call POISONS INFORMATION CENTRE or a doctor if you feel unwell. P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Use moisturizing cream. P332+P313 If skin irritation occurs: Get medical attention. P362 Take off contaminated clothing and wash before use.
P305+P351+P388 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 attention.

Section 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No	Proportion
Sodium Hydroxide	1310-73-2	< 2%
D-Limonene	5989-27-5	< 10%
Ethoxylated Alcohol	Secret	< 10%
Other ingredients not classified as hazardous		Up to 100%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if applicable are listed in section 8.

Section 4: FIRST AID MEASURES

First Aid Measures	If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131136
Eye Contact	Wash eyes immediately with large amounts of water. Potential acute health effects – can cause severe irritation, redness, tearing and blurred vision. Overexposure signs may include irritation.
Inhalation:	Move person to fresh air at once. If breathing has stopped, seek medical attention immediately (Call 000). Potential acute health effects – fine mist may cause irritation of the nose and throat.
Skin contact:	Wash contacted areas with mild soap and water. Potential acute health effects – any contact can cause moderate irritation.
Ingestion:	Do not induce vomiting. If person is conscious, give water. Get medical attention. Potential acute health effects – Gastrointestinal irritation.
First Aid Facilities	Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor	Treat Symptomatically. Show this SDS to the medical practitioner. Contact Poisons Information Centre if large quantities have been ingested or inhaled.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Regular foam, Water-fog, Carbon Dioxide, or Dry Chemical.
Unsuitable Extinguishing Media	None known.
Specific Hazards arising from the Chemical	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products:	Flash Point: Does not burn Upper Flammability Limit: Does not burn Lower Flammability Limit: Does not burn Oxides of carbon or traces of hydrocarbons may be formed in small amounts.
Special Protective Equipment for fire fighters	Fire fighters to wear full body protective clothing with breathing apparatus with full face-piece operated in positive pressure mode. Deluge with water to cool containers. Evacuate area move upwind of fire.

Section 6: ACCIDENTAL RELEASE MEASURES

For non-emergency personnel	No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No smoking or flares in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders:	If specialised clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Spillage & Disposal	Stop leak if without risk. Move containers from spill area. For a small spill: Dilute with water and mop up if water soluble. Alternatively, or if water insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. For a large spill: Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or Diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark proof tools and explosion proof equipment. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard.
Personal Protection	No special requirements under normal use conditions. Use gloves, goggles, boots and breathing mask for spills.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Put on appropriate protective equipment (See section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container. Wash thoroughly after use.
Conditions for safe storage	Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10) and food and drink. Do not store in unlabelled containers. Do not weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values	Sodium Hydroxide CAS# 1310-73-2 TWA 2 mg/m ³ STEL 2 mg/m ³ D-Limonene CAS#5989-27-5 TWA not set STEL not set
Appropriate Engineering Controls	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal Protective Equipment	When repeated exposure is expected use sensible work practices that reduce operator exposure to the product. Wash hands forearms and face thoroughly after handling chemical products. Wear chemical safety goggles and face shield. Avoid skin contact. Wear gloves impervious to conditions of use. Use a properly fitted, air purifying or air fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Orange liquid
Odour	Citrus
Boiling Point	Approximately 100°C
Solubility in Water	100%
Specific Gravity	1.02 g/ml
pH	12.5
Vapour pressure	<1 (low volatile)
Volatiles	98%
Flash Point	none
Evaporation rate	<=water

Section 10: STABILITY AND REACTIVITY

Conditions to Avoid	Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Possibility of hazardous reactions	This material is stable under normal conditions of storage and use.
Conditions if instability:	When exposed to high temperatures colour may fade and bottles may panel.

Section 11: TOXICOLOGICAL INFORMATION

Toxicological information	No data available.
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Section 12: ECOLOGICAL INFORMATION

Ecotoxicological data

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
D-Limonene (CAS# 5989-27-5)		
Aquatic Crustacea	EC50 Water flea (Daphnia Magna)	0.36mg/l, 48 hours
Aquatic Fish	LC50 Flathead Minnow (Pimephales Promelas)	0.7mg/l, 96 hours

Ecotoxicity	Toxic to aquatic life
Environmental effects	Toxic to aquatic organisms
Aquatic Toxicity	Toxic to aquatic organisms
Persistence and degradability	Readily biodegradable

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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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 or ADG, IATA or IMDG/IMSBC criteria.

UN Number	None allocated
UN Proper shipping name	None allocated
Transport hazard class(es)	None allocated

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP)	Not Scheduled
Australia (AICS)	All significant ingredients are listed and are compliant with NICNAS regulations.

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.
R. 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.