

LEMON DISHWASHING LIQUID

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	HMIS CODES	
Lemon Dishwash	Health	1
PRODUCT CODES	Flammability	0
LDW/5, LDW/20	Reactivity	0
CHEMICAL FAMILY	PPI	B
Organic/Inorganic		
USE		
Dishwashing by hand		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
Greenleaf Solutions Ltd	Poisons Information Centre	
PO Box 64-125	New Zealand 0800-764-766	
Botany, Auckland NZ 1703	Australia 13-1126	
DATE OF PREPARATION	TECHNICAL SERVICE TELEPHONE NO.	
15 th December, 2004	0061-9-530 9550	

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	
5-10	64-17-5	Ethanol	ACGIH TLV	N/D
		OSHA PEL	N/D	

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

None known.

EYE CONTACT

May cause eye irritation.

SKIN CONTACT

May cause skin irritation.

INGESTION

May cause Nausea and vomiting.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - No effects indicated.

Section 4 -- FIRST AID MEASURES

If INHALED:	Not applicable
If on SKIN:	Rinse area with plenty of water. Get medical attention if irritation persists.
If in EYES:	Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
If SWALLOWED:	Drink 1 glass of water. Get medical attention.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
138F°	N/D	N/D
EXTINGUISHING MEDIA		

MATERIAL SAFETY DATA SHEET

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Water spray, CO₂, All-Purpose dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: N/A

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Plastic apron and sleeves.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area.

Laundry contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	>212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H ₂ O = 1):	1.04
VAPOR PRESSURE (mm Hg):	N/D
MELTING POINT:	N/A
VAPOR DENSITY (AIR = 1):	N/D
EVAPORATION RATE (ETHYL ACETATE = 1):	N/D
APPEARANCE/ODOR:	Yellow Liquid / Lemon Odour
SOLUBILITY IN WATER:	Soluble

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Ingredient Name

Safe for it's intended use

Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Not Known

Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated liquid waste.

Disposal Method: Dispose of in accordance with local, state and federal regulations.

Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated

OCEAN (IMDG): Non-regulated

AIR (IATA): Non-regulated

WHMIS (CANADA): Non-regulated

Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

None

Section 16 -- OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.