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### Section 1 - Identification of Chemical Product and Company

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Statement of Hazardous Nature

This product is classified as: Not classified as hazardous by the criteria of NOHSC.  
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

**CLEANTECH PRODUTS**  
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**BELROSE NSW 2085**

**Phone: (02) 94511395**  
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Trade Name: Green Apples Ultrashine – Lemon Ultrashine  
Product Use: Manual Dishwashing Detergent  
Creation Date: August, 2005  
Revision Date: December, 2007

Product

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### Section 2 – Composition/Information on Ingredients

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Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%

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### Section 3 - Hazards Identification

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Risk Phrases: R36. Irritating to eyes.

Safety Phrases: S25. Avoid contact with eyes.

SUSDP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good.

UN Number: None allocated

Emergency Overview

Physical Description & colour: clear Green / yellow thick liquid.

Odour: Mild odour.

Major Health Hazards: eye irritant,

Potential Health Effects

Inhalation

Short term exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short term exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Long Term exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

# MATERIAL SAFETY DATA SHEET

Product Name: Manual Dishwashing Detergent

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Short term exposure: Available data shows that this product is not harmful. However product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Long Term exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short term exposure: Available data shows that this product is not harmful. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

Long Term exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

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## Section 4 - First Aid Measures

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General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

Inhalation: Not volatile at room temperatures. First aid is not generally required

Skin Contact: Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact: Quickly and gently blot or brush away product. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the product is removed or until a few minutes after irritation has ceased, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face.

Ingestion: First aid is not generally required. If in doubt, contact a Poisons Information Centre.

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## Section 5 – Fire Fighting Measures

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Fire and Explosion Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.

Extinguishing Media: Use dry chemical powder, foam, water spray or fog type extinguishers

Fire Fighting:

Flash point: Will not burn until water component is driven off.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Does not burn.

Flammability Class: Does not burn.

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## Section 6 – Accidental Release Measures

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Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

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**Section 7 – Handling and Storage**

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Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store packages of this product in a cool place. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

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**Section 8 Exposure Controls and Personal Protection**

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The following Australian Standards will provide general advice regarding safety clothing and equipment:

Exposure Limits	TWA (mg/m3)	STEL (mg/m3)
None available		

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when handling this product.

Protective Material Types: There is no specific recommendation for any particular protective material type.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations should be provided near to where this product is being used.

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**Section 9 - Physical and Chemical Properties:**

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Physical Description & colour:	Clear green / yellow thick liquid
Odour:	Mild odour.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Approximately 0°C.
Volatiles:	Water component.
Vapour Pressure:	Not Available
Vapour Density:	Not Available
Specific Gravity:	Approx 1.0
Water Solubility:	Completely soluble in water.
pH:	6.5-9.5
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.

Coeff Oil/water distribution: No data  
Autoignition temp: Does not burn.

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### Section 10 – Stability and Reactivity

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Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: None known.

Incompatibilities: No particular incompatibilities.

Fire Decomposition: Only minor quantities of decomposition products are expected at temperatures normally achieved in a fire. Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. Hydrogen cyanide poisoning signs and symptoms are weakness, dizziness, headache, nausea, vomiting, coma, convulsions, and death. Death results from respiratory arrest. Hydrogen cyanide gas acts very rapidly; symptoms and death can both occur quickly.

Polymerisation: This product is unlikely to undergo polymerisation processes.

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### Section 11 – Toxicological Information

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#### HEALTH EFFECTS

##### Acute

Swallowed Considered an unlikely route of entry in commercial / industrial environments May be irritating to gastrointestinal tract.

Eye May cause irritation.

Skin May causes irritation.

Inhaled No effects known

##### Chronic

Swallowed No effects known

Eye No effects known.

Skin Repeated skin contact may cause drying and cracking of the skin and possible contact dermatitis.

Inhalation No effect known.

#### TOXICITY DATA

Not available.

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### Section 12 – Ecological Information

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This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

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### Section 13 – Disposal Considerations

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Disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. This product should be suitable for landfill. However, check with local Waste Disposal Authority before sending there. Note that product properties may have been changed in use, significantly altering it's suitability for landfill. Please do NOT dispose into sewers or waterways.

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**Section 14 – Transport Information**

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ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations

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**Section 15 – Regulatory Information**

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AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database.

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**Section 16 – Other Information**

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This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially fire fighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

Please read all labels carefully before using product.

*CONTACT POINT TECHNICAL MANAGER – for further information on any details described in this MSDS, please contact (61) (02) 94511395 This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using products for any particular use and to comply with all federal state and local laws and regulations.*