

## Section 1: Identification of the Substance/Mixture and of the Supplier

**Product Name:** CITRUS CLEANER  
**Proper Shipping Name**  
**Recommended use:** C31 Cleaner/ Sanitiser  
**Company Details** Marketing Chemicals Ltd  
**Address:** 7/343 Church Street , Penrose,  
Auckland. New Zealand  
**Emergency Telephone:** +64 274 736008(24 hours)  
National Poison Centre(24 hours): 0800 POISON [ 764 766]  
**Telephone:** +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]  
**Fax:** +64 9 634 3864  
**Date of preparation** 6 October 2008

## Section 2: Hazard Identification



**WARNING:** Harmful if inhaled. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

### Prevention:

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Wear protective gloves and eye/face protection.
- Use only outdoors or in a well-ventilated area.
- Avoid breathing spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.

## Section 3: Composition/Information on Ingredients

Name	Concentration %-wt	CAS Number
Water	10.0 – 70.0	7732-18-5
D'Limolene	2.5 – 10.0	5989-27-5
Biodegradable Non Ionic Surfactant	5.0 – 10.0	9016-45-9
Quaternary Ammonium Chloride	5.0 – 10.0	8001-54-58
Sodium Metasilicate	2.0 – 5.0	10213-79-3

## Section 4: First Aid Measures

<b>Eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin:</b>	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Ingestion:</b>	Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Inhalation:</b>	If medical advice is needed, have product container or label at hand. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

For Further Information Telephone (24 Hours): National Poison Information Centre: 0800 Poison [764 766]

## Section 5: Fire Fighting Measures

<b>Flash Point:</b>	Not available
<b>Auto ignition Temperature:</b>	Not available
<b>Flammable Limits in Air % by Volume:</b>	Not available
<b>Extinguishing Media:</b>	All
<b>Fire Fighting Instructions:</b>	
<b>Unusual Fire and Explosion Hazards:</b>	Burning can produce Carbon Monoxide &/or Carbon Dioxide

## Section 6: Accidental Release Measures

<b>Land Spills or Leaks:</b>	Collect spillage.
<b>Waste Disposal Method:</b>	Dispose of all clean up materials in accordance with all applicable local health and environmental regulations..

## Section 7: Handling And Storage

<b>Handling Storage:</b>	Handle carefully. Check regularly for spills Store in a cool, well ventilated placed, out of the reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from acids and oxidizing agents. Prevent vapours from collecting in low-lying or enclosed spaces. Protect from physical damage.
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## Section 8: Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	Local ventilation
<b>Eye / Face Protection:</b>	Full face protection
<b>Body Protection:</b>	PVC overall
<b>Respiratory Protection:</b>	
<b>Exposure Limits:</b>	Not available

## Section 9: Physical And Chemical Properties

<b>Appearance:</b>	Clear Lemon/Orange Liquid
<b>Odour:</b>	
<b>pH:</b>	9
<b>Solubility:</b>	Complete
<b>Vapour Density:</b>	Not available(N/A)
<b>Boiling Point:</b>	> 100 Deg C
<b>Freezing Point:</b>	< 0 Deg C
<b>Ignition Point:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Specific Gravity:</b>	1.07
<b>Vapour Pressure:</b>	N/A
<b>% Volatiles:</b>	N/A

## Section 10: Stability And Reactivity

<b>Conditions Contributing to Instability:</b>	Stable under normal environmental conditions
<b>Incompatibility:</b>	Oxidising agents and acids
<b>Hazardous Decomposition Products:</b>	Carbon dioxide/carbon monoxide
<b>Conditions Contributing to Hazardous Polymerization</b>	Not known

## Section 11: Toxicological Information

<b>Inhalation:</b>	Not available
<b>Ingestion:</b>	SPECIES: Rat ;ENDPOINT: LD50 ;VALUE: 4400 mg/kg REFERENCE SOURCE: (4) Drugs in Japan. Ethical Drugs 6th ed., 1982, 887 [DOSE]
<b>Skin:</b>	SPECIES:;RESULT: Irritant REFERENCE SOURCE: [OPP RED]
<b>Eye:</b>	SPECIES: Rabbit, Rat, Guinea Pig and Mouse RESULT: Severe;REFERENCE SOURCE: [NTP]
<b>Acute Over-Exposure:</b>	
<b>Chronic Effects:</b>	

## Section 12: Ecological Information

**Environmental Precautions:** Do not release to waterways.

**Ecological Toxicity:** SPECIES: Daphnia magna ;TYPE OF EXPOSURE: Flow through  
DURATION: 48 hr;ENDPOINT: EC50;VALUE: 0.421 mg/l  
REFERENCE SOURCE: ICPS, 19989 "Concise International Chemical Assessment Document No. 5: Limonene. WHO, Geneva.  
[http://www.nicnas.gov.au/publications/CAR/PEC/PEC22/PEC22\\_whole.pdf](http://www.nicnas.gov.au/publications/CAR/PEC/PEC22/PEC22_whole.pdf)

**Environmental Fate**

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

## Section 14: Transport Information

Not regulated as hazardous for land transportation in New Zealand  
UN No:

**Proper Shipping Name:**

**Dangerous Goods Class:**

**Packing Group:**

**Hazchem Code:**

## Section 15: Regulatory Information

**HSNO Approval No:** HSR 002530  
**Group Standard:** Cleaning Product (Subsidiary Hazard) Group Standard 2006  
**HSNO Classes:** 6.1D, 6.5B, 9.2C, 9.3B

## Section 16: Other Information

**New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]**  
**New Zealand Emergency Services: 111**

**For General Information:** John Crombie, Manager, Marketing Chemicals Ltd,  
Phone: +64 (09) 634 3862 / +64 (0)27 473 6008  
Fax : +64 (09) 634 3864

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.