

# SAFETY DATA SHEET



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

**Product Name:** CITRUS CLEANER  
**Proper Shipping Name**  
**Recommended use:** C31 Cleaner/Sanitiser  
**Restriction of use:** Refer to Section 15  
**Company Details** Marketing Chemicals Ltd  
**Address:** 7 Rymer Place, Mangere Bridge,  
Auckland. New Zealand  
**Emergency Telephone:** +64 274 340990(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** 4 September 2024 v2

## Section 2: Hazard Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval Number:** Cleaning Products (Corrosive) - HSR0002526

**Pictograms:**



**Signal Word: DANGER**

GHS Category	Hazard Code	Hazard Statement
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Skin corrosion Cat. 1B	H314	Causes severe skin burns and eye damage.
Serious eye damage Cat. 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

<b>Response code</b>	<b>Response Statement</b>
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.

**Storage Code**

P405 Store locked up.

**Disposal Code**

P501 Dispose of according to Local Regulations.

**Section 3: Composition/Information on Ingredients**

<b>Name</b>	<b>Concentration %-wt</b>	<b>CAS Number</b>
Biodegradable Non Ionic Surfactant	5.0 – 10.0	9016-45-9
Quaternary Ammonium Chloride	5.0 – 10.0	61789-71-7
D'Limolene	2.5 – 10.0	5989-27-5
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.

**Most important symptoms and effects, both acute and delayed**

Symptoms:

<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Not applicable
<b>Skin</b>	May cause an allergic skin reaction. Causes severe skin burns.

Eyes	Causes serious eye damage.
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For Further Information Telephone (24 Hours): National Poison Information Centre: 0800 Poison [764 766]

## Section 5: Fire Fighting Measures

<b>Hazard Type</b>	Corrosive
<b>Hazards from products</b>	Burning can produce Carbon Monoxide &/or Carbon Dioxide
<b>Suitable Extinguishing media</b>	Use media suitable for surrounding material
<b>Precautions for firefighters and special protective clothing</b>	Liquid tight chemical suit
<b>HAZCHEM CODE</b>	3Y

## Section 6: Accidental Release Measures

Wear PPE as detailed in Section 8. Evacuate unnecessary personnel.

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

## Section 7: Handling And Storage

### Handling

- Read label before use.
- Avoid breathing fumes or vapours.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing.
- Check regularly for spills.

### Storage:

- 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.

## Section 8: Exposure Controls/Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14TH EDITION.

### Personal Protection Equipment



**Engineering Controls:** Local ventilation  
**Eye / Face Protection:** Full face protection  
**Body Protection:** PVC overall  
**Respiratory Protection:** If ventilation is poor, wear a respirator

### Section 9: Physical And Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear Orange
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	9
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	<0°
<b>Flash Point</b>	Not available
<b>Flammability</b>	Non Flammable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Specific Gravity</b>	1.07
<b>Solubility in Water</b>	Complete
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not applicable
<b>Evaporation Rate</b>	Not available

### Section 10: Stability And Reactivity

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

### Section 11: Toxicological Information

**Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes severe damage to eyes.

<b>Skin</b>	Causes skin burns. May cause an allergic skin reaction.
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**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Section 12: Ecological Information**

Toxic to aquatic life with long lasting effects.

**Ecological Toxicity:** SPECIES: Daphnia magna ;TYPE OF EXPOSURE: Flow through  
DURATION: 48 hr;ENDPOINT: EC50;VALUE: 0.421 mg/l

**Environmental Fate**

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**Section 13: Disposal Considerations**

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.  
This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

**Section 14: Transport Information**

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



**Road, Rail, Sea and Air Transport**

<b>UN No</b>	3266
<b>Class - Primary</b>	8
<b>Packing Group</b>	II
<b>Proper Shipping Name</b>	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
<b>Marine Pollutant</b>	Yes

<b>Special Provisions</b>	If the product's individual container is below 1L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.
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## Section 15: Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cleaning Products (Corrosive) - HSR0002526

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	250 L
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250 L
Emergency Response Plan	1000 L
Secondary Containment	1000 L
Restriction of Use	None

## Section 16: Other Information

### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14<sup>th</sup> edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

### Disclaimer

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.

For General Information : Marketing Chemicals Ltd,

Phone: +64 (09) 634 3862 / +64 (0)27 340990

Fax : +64 (09) 634 3864

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