

## Quick clean

Version No: 2.0

Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017

Issue Date: 05/03/2026

Print Date: 05/03/2026

L.GHS.NZL.EN

# SECTION 1 Identification of the substance / mixture and of the company / undertaking

## Product Identifier

Product name: Quick clean

Synonyms: N/A

Other means of identification: N/A

## Relevant identified uses of the substance or mixture and uses advised against

Exterior surface biocidal wash for residential, commercial, and industrial buildings. Intended for the treatment and cleaning of outdoor surfaces such as walls, cladding, roofing, and eaves to remove and inhibit the growth of mould, algae, and mildew. Not for use on skin, in food preparation areas, or for potable water treatment.

## Details of the manufacturer or importer of the safety data sheet

Registered company name: Commercial Coating Manufacturers

Address: 9 Bay Park Place, Birkdale, Auckland 0626

### Emergency telephone number

NZ POISONS (24hr 7days): 0800 764766

0800 CHEMCALL: (0800 243 622)

## SECTION 2 Hazards identification

Hazard classifications and statements:

H Code	Hazard Class – Category: Hazard Statement
<b>H314</b>	Skin corrosion/irritation – Category 1, Sub-category C: Causes severe skin burns and eye damage
<b>H318</b>	Serious eye damage – Category 1: Causes serious eye damage
<b>H410</b>	Hazardous to the aquatic environment (chronic) – Category 1: Very toxic to aquatic life with long lasting effects

Legend: Classification based on mixture and ingredient data, from supplier SDS;

Determined using GHS/HSNO criteria: 8.2C, 8.3A, 9.1A

### Label elements:

Hazard pictogram(s):

- GHS09 (Environment) - Environmental hazard
- GHS05 (Corrosion) – Corrosive hazard
- GHS07 (Exclamation mark) - Health hazard warning



Signal word: Danger

### Prevention:

P260: Do not breathe mist, vapours, or spray.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing, eye protection, and face protection.

P281: Use personal protective equipment as required.

**Response:**

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P330: Rinse mouth.

P331: Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P391: Collect spillage.

**Storage:**

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Poison Schedule:**

- N/A (Specify Schedule 5 or 6 if applicable under Australian SUSMP)

**Dangerous Goods Classification:**

Classified as Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code) and New Zealand NZS 5433: Transport of Dangerous Goods on Land.

**Dangerous Goods Class:** 8

**UN Number:** 1791

**Packing Group:** III

**Hazchem Code:** 2X

## SECTION 3 Composition / information on ingredients

**Mixtures:**

Ingredients are required by the Hazard Substances (Safety Data Sheets) Notice 2017, EPA consolidation 30 September 2022 to be identified:

**Substance:**

CAS No	Name	%[weight]
7681-52-9	Sodium hypochlorite	10-40%
7647-14-5	Sodium chloride	1-20%

Legend: 1. Classification drawn from supplier SDS;

## SECTION 4 First aid measures

### Description of first aid measures

**Eye Contact**

If this product comes in contact with the eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**Skin Contact**

This material, or a component of the material, can be absorbed through the skin with resultant toxic effects. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

**Inhalation**

If mist, vapors or spray are inhaled, remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped, apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

**Ingestion**

If swallowed, Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs, give further water. Immediately call Poisons Centre or Doctor.

Notes to physician: Treat symptomatically.

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## SECTION 5 Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

- Water spray
- Alcohol-resistant foam
- Dry chemical powder
- Carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing agents:

- High-pressure water jet (may spread the product)

### 5.2 Special hazards arising from the substance or mixture

In case of fire, hazardous combustion products may include:

- Hydrogen chloride (HCl)
- Nitrogen oxides (NO)
- Carbon monoxide (CO)
- Carbon dioxide (CO<sub>2</sub>)

Product is not classified as highly flammable, but combustible components may contribute to fire intensity under certain conditions.

### 5.3 Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus (SCBA).

Do not inhale combustion gases or vapours.

Cool endangered containers with water spray.

Prevent fire-fighting water from entering drains or surface water.

#### Additional information:

Contaminated fire extinguishing water must be collected separately and disposed of according to local regulations.

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## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Risk of slipping on spilled product. Keep unprotected persons away. Wear full protective equipment including:

- Impermeable protective clothing

- Neoprene protective boots
- Nitrile rubber gloves with extended cuffs
- Full face protection

Ensure protective suits offer complete skin and mucous membrane coverage.

#### **Environmental precautions**

Prevent release into surface water due to aquatic hazard. Notify authorities if water or sewage systems become contaminated.

#### **Methods and material for containment and cleaning up:**

Contain and absorb spillage using a suitable chemical binder or multi-purpose absorbent. Collect and dispose of contaminated material in accordance with Section 13 of this SDS. If released into wastewater, drain and collect the contaminated liquid using appropriate containment methods. Seek supplier or local authority advice for additional guidance on safe cleanup and disposal.

## SECTION 7 Handling and storage

### Precautions for safe handling

#### Safe handling procedures:

- Avoid unnecessary personal contact, including inhalation
- Do NOT allow clothing wet with material to stay in contact with skin
- Avoid contact with eyes and skin
- Avoid breathing mist/vapors, especially in enclosed areas
- Use only in well-ventilated areas
- Wash hands thoroughly after handling
- Remove contaminated clothing and wash before reuse
- Do not eat, drink or smoke when using this product
- Ensure eye wash stations and safety showers are accessible

#### General hygiene considerations:

- Handle in accordance with good industrial hygiene and safety practices
- Regular cleaning of equipment and work area
- Provide adequate ventilation when applying by spray

#### Storage requirements:

- Store in original containers in a cool, dry, well-ventilated area
- Minimum storage temperature: 7°C
- Protect from freezing - product may be damaged if frozen
- Protect from extreme heat and direct sunlight
- Keep containers tightly closed when not in use
- Store away from children and unauthorized personnel

#### Container considerations:

- Use only original containers or containers approved for this material

- Ensure container is suitable and properly labeled
- Do not store in unlabeled containers

#### Incompatible materials:

- Acids. Metals. Metal salts. Methanol. Peroxides. Reducing agents. Ethylene diamine tetraacetic acid. Amines. Ammonia. Ammonium compounds. Aziridine. Urea.

#### Segregation requirements:

- Separate from incompatible materials
- Store away from heat sources, ignition sources, and direct sunlight
- Ensure adequate separation from oxidizing materials

## SECTION 8 Exposure controls / personal protection

#### Workplace Exposure Standards (WES)

Substance	WES-TWA	WES-STEL	Ceiling
Sodium Hydroxide	–	–	2 mg/m <sup>3</sup>
Chlorine	0.5 ppm (1.5 mg/m <sup>3</sup> )	1 ppm (2.9 mg/m <sup>3</sup> )	–

No workplace Exposure Standards (WES) have been set for components in this product. **WES-TWA** = Time-Weighted Average over an 8-hour workday

**WES-STEL** = Short-Term Exposure Limit (15-minute average)

#### Biological Exposure Index (BEI)

N/A

#### Engineering controls:

Pictograms:

- Chemical protective gloves (EN ISO 374-1:2016)
- Face shield/visor (EN 166:2001)
- Protective clothing (EN 14605:2009-08)
- Apron



#### Ventilation

- Do not breathe vapours.  
Use this product **outdoors** or in a **well-ventilated area**.
- **Local exhaust ventilation** is recommended to control emissions at the source.  
Provide **mechanical ventilation** in confined or enclosed spaces.

#### Eye and face protection:

- Safety glasses with side shields
- Face shield
- Contact lens use is not recommended

#### Skin protection:

- Chemical-resistant gloves recommended (nitrile rubber preferred)
- Full protective clothing
- Impervious protective clothing for extensive exposure
- Long-sleeved shirts and long pants recommended
- Apron

#### Hands/feet protection:

- Wear chemical protective gloves, e.g. nitrile rubber
- Rubber boots recommended for large-scale applications

#### Respiratory protection:

- Generally not required for outdoor use with adequate ventilation
- For spray application or poorly ventilated areas: Use NIOSH/MSHA approved respirator
- Recommended filter type: Particulate filter (P95 minimum) for spray mist
- Organic vapor cartridge (Type A filter) if significant vapor exposure occurs
- Full face respirator may be required for extensive spray operations
- Wear a mask

#### Body protection:

- Impervious apron for protection against splashes
- Coveralls for extensive exposure
- Remove contaminated clothing immediately and wash before reuse

#### Other protection:

- Emergency eye wash and safety shower should be available
- Suitable facilities for washing hands and face should be available

## SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Property	Value
Appearance	Clear liquid
Physical state	Liquid
Relative density (Water = 1)	1
Odor	Mild
Partition coefficient n-octanol / water	Not Available
Odor threshold	Not Available
Auto-ignition temperature (°C)	Not Available
pH (as supplied)	12-14
Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	0
Viscosity (cSt)	1
Initial boiling point and boiling range (°C)	>100
Molecular weight (g/mol)	Not Applicable (mixture)
Flash point (°C)	The mixture has no flashpoint.
Taste	Not Available
Evaporation rate	Not Available
Explosive properties	Not explosive
Flammability	Product is not inflammable.
Oxidising properties	Not oxidizing
Upper Explosive Limit (%)	Not Available
Surface Tension (dyn/cm or mN/m)	Not Available

Lower Explosive Limit (%)	Not Available
Volatile Component (%vol)	100%
Vapour pressure at 20°C	Not Available
Gas group	Not Applicable
Solubility in water	Fully miscible
pH as a solution (1%)	Not Available
Vapour density at 20°C (kPa)	Not Available

## SECTION 10 Stability and reactivity

Property	Information
<b>Reactivity</b>	Reacts with acids to release chlorine gas; reacts with ammonia/amines forming chloramines; oxidizing agent reacting with reducing agents and organics.
<b>Chemical Stability</b>	Stable under recommended storage conditions; decomposes slowly with heat, sunlight, or metal contamination.
<b>Possibility of Hazardous Reactions</b>	Vigorous reactions with incompatible substances; release of hazardous gases; may intensify fire with flammables.
<b>Conditions to Avoid</b>	Excessive heat, direct sunlight, freezing, and contamination with incompatible materials.
<b>Incompatible Materials</b>	Acids, ammonia, reducing agents, metals (iron, copper, nickel, cobalt), organic compounds.
<b>Hazardous Decomposition Products</b>	Chlorine gas, oxygen, sodium oxides.

## SECTION 11 Toxicological information

Information on Likely Routes of Exposure	Details
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<b>Product Information</b>	No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and product label. Overexposure or mishandling may cause the following symptoms:
<b>Inhalation</b>	May cause respiratory irritation.
<b>Eye Contact</b>	Causes serious eye damage.
<b>Skin Contact</b>	Causes burns.
<b>Ingestion</b>	Can burn mouth, throat, and stomach. May cause irritation, corrosion, redness, tearing of eyes, and skin erythema.

### Acute Toxicity – Numerical Measures

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Hypochlorite	8.91 g/kg (Rat)	> 10,000 mg/kg (Rabbit)	–
Sodium Chloride	3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m <sup>3</sup> (Rat, 1h)
Sodium Hydroxide	–	1,350 mg/kg (Rabbit)	–

(See Section 16 for terms and abbreviations.)

### Delayed and Immediate Effects / Chronic Effects

Effect	Details
<b>Skin Corrosion/Irritation</b>	Causes skin burns. Classification based on mixture calculation methods using component data.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye damage. Classification based on mixture calculation methods using component data.
<b>Respiratory or Skin Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Sodium Hypochlorite (CAS 7681-52-9): IARC Group 3 (Not classifiable as to its carcinogenicity to humans).
<b>Reproductive Toxicity</b>	No information available.
<b>STOT – Single Exposure</b>	No information available.
<b>STOT – Repeated Exposure</b>	No information available.

## SECTION 12 Ecological information

### Toxicity

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Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Available	Not Available	Not Available	Not Available

Property	Details
<b>Ecotoxicity</b>	This product is classified as <b>very toxic to aquatic life with long lasting effects</b> (Aquatic Acute 1, Chronic 1).
<b>Aquatic Toxicity Data</b>	<b>Sodium Hypochlorite:</b> - Fish (Lepomis macrochirus): LC50 = 0.06–0.11 mg/L (96h) - Crustacea (Daphnia magna): EC50 = 0.141 mg/L (48h) - Algae: EC50 = 0.03 mg/L (72h)
	<b>Sodium Chloride:</b> - Fish (Oncorhynchus mykiss): LC50 = 9,765 mg/L (96h) - Crustacea: EC50 = 1,000 mg/L (48h)
	<b>Sodium Hydroxide:</b> - No significant acute aquatic toxicity data available.
<b>Persistence and Degradability</b>	Sodium hypochlorite is expected to degrade rapidly in the environment to chloride ions and oxygen.
<b>Bioaccumulative Potential</b>	Not expected to bioaccumulate.
<b>Mobility in Soil</b>	Highly mobile in aqueous environments; may contaminate water sources if released.
<b>Other Adverse Effects</b>	Toxic to aquatic organisms; releases chlorine, which can have additional harmful environmental effects.

## SECTION 13 Disposal considerations

### Waste Treatment Methods

#### Product / Liquid Waste:

- Do not pour unused product into drains, waterways, or onto soil.
- Neutralize small quantities with sodium thiosulfate or dilute heavily with water before disposal (in accordance with local regulations).
- Collect and send large quantities to an approved hazardous waste disposal facility.

#### Packaging Disposal:

- Empty containers should be fully drained and triple-rinsed with water.
- Rinsate should be used in the cleaning process or disposed of as hazardous waste.
- Puncture or crush empty containers to prevent reuse.
- Recycle containers where facilities exist. Do not reuse containers for food, drink, or feed.

#### General Disposal Guidance:

- Legislation regarding waste disposal requirements may differ by country, state, or territory; comply with all local, regional, and national regulations.

- Do not allow wash water from equipment cleaning to enter drains or watercourses.
- Waste minimization should be practiced wherever possible.
- For large-scale disposal or treatment, contact local environmental or waste authorities.

## SECTION 14 Transport information

Field	Information
<b>UN Number</b>	UN 1791
<b>Proper Shipping Name</b>	Hypochlorite Solution
<b>Transport Hazard Class(es)</b>	Class 8 – Corrosive Substances
<b>Subsidiary Risk</b>	None
<b>Packing Group</b>	III
<b>Environmental Hazards</b>	Marine Pollutant / Environmentally Hazardous
<b>Hazchem Code</b>	2X
<b>Special Precautions for User</b>	Avoid release to the environment. Ensure containers are upright and secured during transport.
<b>Transport Labels</b>	Corrosive (Class 8), Environmentally Hazardous (Marine Pollutant)
<b>Transport Regulations</b>	ADR/RID: UN 1791, Hypochlorite Solution, Class 8, PG III, Environmentally Hazardous IMDG: UN 1791, Hypochlorite Solution, Class 8, PG III, Marine Pollutant IATA: UN 1791, Hypochlorite Solution, Class 8, PG III

## SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth)
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS)
- All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC)

This substance is to be managed using the conditions specified in an applicable Group Standard

HSR Number: HSR003701	Hypochlorite solution, n.o.s.
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Please refer to Section 8 of the SDS for any applicable tolerable exposure limit or Section 12 for environmental exposure limit.

Approved Handler: Not Required

Sodium hypochlorite (CAS 7681-52-9) and Sodium chloride (CAS 7647-14-5) are found on the following regulatory lists:

- New Zealand Hazardous Substances and New Organisms (HSNO) Act – Classification of Chemicals
- New Zealand Hazardous Substances and New Organisms (HSNO) Act – Classification of Chemicals – Classification Data
- New Zealand Inventory of Chemicals (NZIoC)

Hazardous Substance Location: N/A

Certified Handler: N/A

Maximum quantities of certain hazardous substances permitted on passenger service vehicles: N/A

Tracking Requirements: N/A

#### National Inventory Status

National Inventory	Status
Australia - AIIIC / Australia Non-Industrial Use	Yes
New Zealand - NZIoC	Yes

Legend: Yes = All CAS declared ingredients are on the inventory

No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

## SECTION 16 Other information

Revision Date: 05/03/2026

Initial Date: 05/03/2026

## SDS Version Summary

Version	Date of Update	Sections Updated
1.0	01/08/2025	Complete document with enhanced safety information, expanded handling procedures, detailed PPE recommendations, and comprehensive physical properties
2.0	05/03/2026	Minor classification and wording updates

## Other information

Disclaimer: The information contained in this Safety Data Sheet is based on data from sources considered technically reliable. It is provided for guidance only and does not constitute a guarantee of the properties of the product. Users should make their own investigations to determine the suitability of the information for their particular applications.

### Training recommendations:

- Ensure all personnel are trained in safe handling procedures
- Provide training on emergency procedures and spill response
- Train workers in proper use of personal protective equipment
- Regular refresher training on chemical safety procedures

### Additional safety considerations:

- Maintain good housekeeping practices
- Ensure adequate ventilation in work areas
- Regular equipment maintenance and inspection
- Emergency procedures should be practiced regularly

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

### Definitions and Abbreviations:

- PC TWA: Permissible Concentration-Time Weighted Average
- PC STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level

- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted No-Effect Concentration
- MARPOL: International Convention for the Prevention of Pollution from Ships
- IMSBC: International Maritime Solid Bulk Cargoes Code
- IGC: International Gas Carrier Code
- IBC: International Bulk Chemical Code
- CAS No: Chemical Abstract Service number
- TWA: Time Weighted Average
- VOC: Volatile Organic Compounds – organic chemicals with high vapor pressure that contribute to air pollution
- PPE: Personal Protective Equipment
- NIOSH: National Institute for Occupational Safety and Health (US agency)
- MSHA: Mine Safety and Health Administration (US agency)
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)
- UN Number: United Nations number assigned to hazardous substances for transport identification
- HAZCHEM: Hazardous Materials Emergency Action Code for NZ/Australia used in transport emergency response
- Pictogram: Graphical symbol on labels used to convey chemical hazard information under GHS
- Signal Word: "Warning" or "Danger" used on GHS labels to indicate severity of hazard
- STOT: Specific Target Organ Toxicity – chemicals that cause non-lethal organ effects from single or repeated exposure
- LD50: Median Lethal Dose – dose required to kill 50% of test population
- LC50: Median Lethal Concentration – airborne concentration causing death in 50% of test population
- NZIoC: New Zealand Inventory of Chemicals – list of substances approved under the HSNO Act
- EPA Approval: Environmental Protection Authority approval of a substance under a Group Standard
- HSR Number: Hazardous Substances Register number issued under HSNO for regulatory tracking
- Group Standard: Approval covering groups of substances with similar properties and risks under HSNO

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end of SDS