



Car Clean Products NZ Limited
 Ph + 64 9 250 0091 - Fax + 64 9 250 0092 - www.pacer.co.nz
 33 Ha Crescent, Wiri - P O Box 97 948 - Manukau – Auckland 2241 - New Zealand

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Commercial bleach
 Product Code: GRK12
 Product Use: Sanitising agent

New Zealand Supplier:
 Car Clean Products NZ Limited
 Address: 33 Ha Crescent
 Wiri
 Auckland

Telephone: 09 250 0091
 Fax Number: 09 250 0092

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: February 2014

Section 2. Hazards Identification

Potential Health Effects



Swallowed

Acutely toxic. Can result in nausea, vomiting, diarrhoea, abdominal pain

Eyes

Severe Irritant, corrosive to eyes, can cause corneal burns

Skin

Severe irritation, corrosive to skin, may cause burns.

Inhalation

Not normally a hazard due to non-volatile nature of product. The vapour/mist is irritating to upper respiratory tract

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	Cas No
Water	>90	7732-18-5
Sodium Hypochlorite	<5	7681-52-9

Section 4. First Aid Measures

Routes of Exposure:

Eye	Rinse cautiously with water for several minutes
Skin	Rinse skin with water/shower remove any contaminated clothing.
Ingestion	Rinse mouth. Do NOT induce vomiting..
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Not combustible
Fire and Explosion hazards	Non combustible liquid
Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus

Hazchem code 2X

Section 6. Accidental Release Measures

Land Spill or Leaks	Small spills or leaks can be absorbed into sand, soil or approved spill kit material which is then collected for domestic rubbish disposal. Gloves and goggles should be worn. Unprotected personnel must be cleared from large spills or leaks. Cleanup personnel should shovel or pump waste into clean containers for decontamination and reuse. Alternatively the containers must be labelled "Hazardous Waste – inorganic corrosive liquid" and sent for disposal to an approved waste disposal location.
Water	Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be

advised to the nearest regional council pollution officer to assist with containment.

Section 7. Handling and Storage

Handling Advice: Avoid skin and eye contact and breathing in vapour, mists and aerosols. Keep out of reach of children.

Storing Procedures: Store in a cool place out of direct sunlight. Store away from foodstuffs. Store away from acids and incompatible items.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Use in well ventilated area

Personal Protective Equipment: Wear full-face mask, gloves, and safety gumboots. Contact lenses pose a special hazard - soft lenses may absorb irritants and all lenses concentrate them

Section 9 Physical and Chemical Properties

Physical State: Liquid

Colour: Clear to pale green

Odour: Chlorine

pH: 12.5

Solubility in water, % mass: 100%

Relative Vapour Density (air=1): Not available

Boiling point, °C : Not available

Freezing Point:

Flash Point, °C : Not applicable

Specific Gravity: 1.2@20C

Vapour Pressure@ 25°C, mmHg: Not applicable

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions to Avoid: Avoid contact with foodstuffs. Avoid exposure to heats, sources of ignition and open flame. Avoid exposure to light, Avoid contact with other chemicals. Avoid contact with acids.

Incompatibility: Incompatible with acids, metals, metal salts, peroxides, reducing agents and ethylene diamine tetraacetic acid. Incompatible with ammonia and ammonium compounds such as amines and ammonium salts.

Hazardous Decomposition: Chlorine

Section 11 Toxicological Information

Acute Oral Toxicity	LD ₅₀ Rat (oral) 4900 mg/kg (mixture rule calculation)
Acute Dermal Toxicity	LD50 rat (dermal) expected to be > 5000 mg /kg
Long term Effects	May cause skin sensitisation
Toxicological Data	Not available

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity Very toxic to aquatic organisms.

Environmental Fate:

Soil Biodegradable and not expected to persist

Water Biodegradable and not expected to persist

Environmental Exposure Limits EEL_{water} Not set

Section 13. Disposal Considerations

Empty containers must be either triple rinsed before reuse or disposal. If for disposal they must be crushed or punctured to prevent further unauthorized use.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	1791
Class-primary	8
Packing Group	III
Proper Shipping Name:	Hypochlorite Solution

Section 15 Regulatory Information

Classification	8.2C, 8.3A, 9.1B
Group Standard	Cleaning Products (Corrosive)
ERMA Approval No	HSR004692

Section 16 Other Information

Supplied in 5lt, 20lt. Code: GRK12-5, GRK12-20.

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited
Phone: 09 250 0091, if further information is required.



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COMMERCIAL BLEACH

PURPOSE:

Commercial Bleach is a concentrated commercial grade bleach suitable for dirt and grime removal, washing and soaking and removing stains, mildew etc from cotton cloths. Commercial Bleach can also be used as a sanitizer in bathrooms, toilets and laundry areas.

Directions:

Undiluted Bleach: place 20-30 mls directly into toilet bowls to remove stains.
1 part bleach to 10 parts water: sanitizing bathrooms.
1 part bleach to 20 parts water: light duty cleaning, or to bleach & sanitise clothes.

WARNING:

Harmful if swallowed can cause severe skin burns and eye damage. Do not eat or drink while using. Wash hands after use. Store in original container tightly closed away from food. Dispose of empty container in a safe manner.

FIRST AID:

If swallowed do not induce vomiting. If medical advice is needed have product container or label at hand. Call a POISON Centre or doctor if you feel unwell. In case of eye contact hold eyes open and flush with water and seek medical advice. If skin contact occurs wash with soap and water. In an emergency phone National Poisons Info Center (24hrs) 0800 POISON 764 768.

KEEP OUT OF REACH OF CHILDREN.