

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Oxygenated Laundry Powder
Product Code: GRL4
Product Use: A concentrated alkaline powder with bleach oxy action.
New Zealand Supplier: Car Clean Products NZ Limited
Address: 33 Ha Crescent, Wiri,
Auckland 2104
New Zealand
Telephone: 09 25000 91
Fax Number: 09 25000 92
Email: sales@pacer.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)

Date of MSDS Preparation: October 2025

Section 2. Hazards Identification

Classification: Oxidising solids Category 2
Acute oral toxicity Category 4
Skin corrosion Category 1C
Serious eye damage Category 1
Hazardous to the aquatic environment chronic Category 3

GHS Signal Word: DANGER

GHS Hazard Statements: H272 May intensify fire; oxidizer
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H412 Harmful to aquatic life with long lasting effects

GHS Pictogram:



Precautionary Statements:

Prevention:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.

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- P220 Keep away from clothing and other combustible materials.
- P280 Wear protective gloves/protective clothing/eye protection/face
- P264+P265 Wash hands thoroughly after handling. Do not touch eyes.
- P270 Do not eat, drink or smoke when using this product.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P273 Avoid release to the environment.
- Response
- P370+P378 IN CASE OF FIRE: Use Foam, Carbon Dioxide, Dry Chemical powder, Water Spray to extinguish.
- P301+P317 IF SWALLOWED: Get medical help.
- P330 Rinse mouth.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P361+P354 IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes.
- P363 Wash contaminated clothing before reuse.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P316 Get emergency medical help immediately.
- P321 Specific treatment, see section 4 First Aid Measures.
- P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P317 Get emergency medical help.
- Storage:
- P405 Store locked up.
- Disposal:
- P501 Dispose of contents/container in accordance with local/regional/international regulations.

Potential Health Effects

- Swallowed Acutely toxic
- Eyes Corrosive and capable of causing damage with possible loss of sight.
- Skin May produce burns
- Inhalation Not normally a hazard due to non-volatile nature of product. The vapour/mist is irritating to upper respiratory tract

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Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Disodium Metasilicate	<20	6834-92-0
Sodium Percarbonate	>50	15630-89-4
Light Soda Ash	<30	497-19-8
Nonyl Phenol Ethoxylate	<10	26027-38-3

Section 4. First Aid Measures

Routes of Exposure:

Eye	Hold eyes open and flush with water. If irritation occurs obtain medical attention.
Skin	Wash thoroughly with soap and water.
Ingestion	Give large quantities of milk or water. Do not induce vomiting. Seek medical attention immediately.
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately.

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, Carbon Dioxide, Dry Chemical powder, Water Spray.
Fire and Explosion hazards	Oxidising powder.
Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus Hazchem code 2R

Section 6. Accidental Release Measures

Land Spill or Leaks	Prevent from entering drains or watercourses. Sweep up or shovel for recycling or salvage. Consider vacuuming to avoid dust. 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"
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corrosive liquid" and sent for disposal to an approved waste disposal location.

Water Spill or Leak Small spills 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: Wear full-face mask, gloves, and safety gumboots. Contact lenses pose a special hazard - soft lenses may absorb irritants and all lenses concentrate them.

Storing Procedures: Store away from direct sunlight. Check regularly for leaks. Ensure adequate ventilation.

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: Powder
Colour: White
Odour: No odour
pH: 12.5
Solubility in water, % mass: 100%
Relative Vapour Density (air=1):
Boiling point, °C : 140
Freezing Point:
Flash Point, °C : Not applicable
Specific Gravity:
Vapour Pressure@ 25°C, mmHg: Not applicable

Section 10. Stability and Reactivity

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Chemical Stability	Stable. Does not react or polymerise.
Conditions to Avoid	Keep containers tightly closed and dry.
Incompatibility	Water and strong acids.
Hazardous Decomposition Products:	Combustion forms carbon dioxide and/or carbon monoxide

Section 11 Toxicological Information

Acute Oral Toxicity	No data
Acute Dermal Toxicity	No data
Long term Effects	No data
Toxicological Data	Not available

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity:	Expected to be harmful
Environmental Fate:	
Soil	Biodegradable and not expected to persist
Water:	High Ph will be toxic
Environmental Exposure Limits:	EEL _{water} Not set

Section 13. Disposal Considerations

Disposal Methods 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	: 3085
DG Class	: 8, 5.1
Packing Group	: II
Shipping Name	: Oxidising Solid, Corrosive N.O.S.



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Section 15 Regulatory Information

HSNO approval code: HSR002591 Cleaning Products (Oxidising Liquids and Solids, Corrosive) Group Standard 2020.

Section 16 Other Information

Supplied in 4kg, Code: GRL4-4

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.

SAFETY DATA SHEET OXYGENATED LAUNDRY POWDER

Green Rhino Oxygenated Laundry Powder is a powder that when added to laundry releases oxygen bubbles to break the bond between dirt, stains & odours. It is able to disinfect, deodorize and remove stains safely without causing environmental harm or damage to fabrics. Safe for all fabrics including colours, wool, silk & synthetics.

DIRECTIONS:

Oxygenated Laundry Powder can be added to your washing machine as part of the normal cycle, or it can be used as a pre soak in a laundry tub or plastic bucket. Oxygenated Laundry Powder is most effective in a warm to hot wash (preferably 50-55c)

PRE SOAK

Use 1 scoop (35gms, 1/8 cup) in 10 litres of warm hot water.

DOMESTIC MACHINE:

Use 3 scoops (100-125gms, ½ cup) per normal 5.5kg wash

COMMERCIAL MACHINE:

Use 15-25gms per kilo of dry laundry (scoop holds 35gms)

WARNING:

Corrosive to human tissue. Harmful if swallowed, inhaled or absorbed through the skin. May cause burns to skin and eyes.

KEEP OUT OF REACH OF CHILDREN.