



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: Dishwash Machine Powder
 Product Code: GRK3
 Product Use: Alkaline powder for automatic dishwashing machines.

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: March 2014

Section 2. Hazards Identification

Potential Health Effects



Swallowed Ingestion of moderate quantities may cause vomiting or diarrhoea. Possible burns to mouth and throat.

Eyes Could cause irritation to eyes and soft tissue

Skin Not considered an irritant

Inhalation Fine dust irritating to mouth and mucous membranes

Section 3. Composition / Information on Ingredients

This product represents a toxicological hazard based on the nature and amounts of ingredients

Ingredients	Proportion (% mass)	Cas No
Sodium Tripolyphosphate	<50	7758-29-4
Sodium Metasilicate	<40	6834-92-0
Alcohol Ethoxysulphate	<5	9004-82-4
Alcohol C12-14, Ethoxylated	<5	68439-50-9
Sodium Hydroxide	<10	1310-73-2
Sodium Carbonate	<20	497-19-8
Sodium Dichloroisocyanurate	<5	51580-86-0

Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with cold water for at least 15 minutes. Seek medical attention if problems persists
Skin	If skin contact causes irritation remove contaminated clothing and wash thoroughly with soap and water
Ingestion	Do not induce vomiting. Give nothing by mouth. If patient continues to be distressed 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	Water, foam, dry powder
Fire and Explosion hazards	None
Fire Fighting Instructions	Standard procedures for fire fighting. Hazchem code 2X

Section 6. Accidental Release Measures

Land Spill or Leaks	Small spills or leaks can be collected for domestic rubbish disposal. Large spills or leaks should be shovelled or pumped into clean containers for decontamination and reuse.
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 and remediation.

Section 7. Handling and Storage

Handling Advice:	Gloves, goggles and protective clothing required for bulk handling. Natural ventilation should be adequate under normal use conditions. Spillages are extremely slippery.
Storing Procedures:	Store away from high temperatures and sunlight. Do not store near to food or feedstuffs. Keep containers closed at all times – check bulk amounts regularly for leaks.

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Natural ventilation should be adequate under normal use conditions
Personal Protective Equipment:	Not required unless for bulk handling as above

Section 9 Physical and Chemical Properties

Physical State:	Powder
Colour:	White
Odour:	Sharp detergent
pH:	Alkaline
Solubility in water:	Complete
Specific Gravity:	>1

Section 10. Stability and Reactivity

Chemical Stability	Chemically stable
Conditions to Avoid	Avoid getting wet during storage
Incompatibility	Strong acids. Oxidizing agents
Hazardous Decomposition Products	Toxic fumes in fire

Section 11 Toxicological Information

Acute Oral Toxicity	LD ₅₀ Rat (oral) 2100 mg/kg body weight (by mixture rule)
Acute Dermal Toxicity	LD ₅₀ Rat (dermal) >2000 mg/kg body weight
Long term Effects	No harmful effects under normal label use
Toxicological Data	Not available

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity No environmental hazard under normal label use

Environmental Fate:

Soil Biodegradable, not likely to persist

Water Slowly degraded.

Environmental Exposure Limits EEL_{water} : Not set

Section 13. Disposal Considerations

Dispose as for domestic rubbish or into sewer. Avoid flushing into storm water drains

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	1759
Class-primary	8
Packing Group	III
Proper Shipping Name:	Corrosive Solids N.O.S.

Section 15 Regulatory Information

HSNO Classification	Acutely toxic class 6.1D, 6.3B, 6.4A, 8.1A, 8.3A, 9.1D
Group Standard	Cleaning Products (Corrosive)
ERMA Approval No	HSR002526

Section 16	Other Information
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Supplied in 4kg & 20kg containers: GRK3-4, GRK3-20.

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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DISHWASH MACHINE POWDER

PURPOSE:

A pleasantly scented concentrated alkaline powder for automatic dishwashing machines. Green Rhino Dishwash has exceptional water softening properties and rinsing qualities to give sparkling results with crockery, cutlery & glassware. Our formulation contains biodegradable surfactants and is low in sodium compared to many brands. Green Rhino Dishwash Powder is NOT suitable for silver, painted porcelain, coloured aluminium or bone items. For these items we recommend hand washing with Green Rhino Neutral Dishwash Detergent.

NZFSA C31 Approved

DIRECTIONS:

For a normal wash use ½ scoop (15gms). For heavily soiled dishes use 1-2 scoops.

WARNING:

Harmful if swallowed. Eye contact may cause irritation.

KEEP OUT OF REACH OF CHILDREN.