



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product:	Power Clean™
Product Code:	PC
Product Use:	A concentrated alkaline cleaner with added Ammonia for cleaning dirt, grease, grime, smog and industrial fallout
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:	<b>0800 POISON (0800 764 766)</b>
Date of MSDS Preparation:	March 2019

### Section 2. Hazards Identification

#### Potential Health Effects



#### WARNING

**H302 Harmful if swallowed**  
**H319 Causes serious eye irritation**

Swallowed	Moderate to severe irritation of the gastrointestinal tract. Nausea and vomiting
Eyes	Moderately irritating causing redness and soreness. Permanent damage if left untreated
Skin	Continuous exposure will cause redness and soreness.
Inhalation	Moderately irritating ammonia fumes. In extreme cases may cause some headache and dizziness but no permanent effects

### Section 3. Composition / Information on Ingredients

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

Ingredients	Proportion (% mass)	Cas No
Water	>90	7732-18-5
Ammonia .910	>6	1336-21-6
Sodium Lauryl Ethoxysulphate	>5	9004-82-4
Ethylene Glycol monobutyl ether	<5	111-76-2
Sodium Metasilicate	>2	6834-92-0
Sodium Tripolyphosphate	>2	9010-08-6
Potassium Diphosphate	>2	7320-34-5
Cocoamidopropyl Betaine	<1	61789-40-0
Triethanolamine	<1	102-71-6
Alkybenzene Sulphonic Acid	<1	27176-87-0

### 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	All forms or extinguishing media
Fire and Explosion hazards	Not combustible
Fire Fighting Instructions	Standard procedure for surrounding fire.

## 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.

## Section 7. Handling and Storage

Handling Advice:	No protective clothing required. 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:	No protective clothing required for label use. Gloves and goggles recommended for bulk handling and transfer

## Section 9 Physical and Chemical Properties

Appearance	Thin Red Liquid
Odour:	slight ammonia
Odour threshold	Data not available
pH:	alkaline
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash point	N/A
Flammability	N/A
Upper/Lower flammability limits	N/A
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	Data not available
Solubility in water,	soluble
Partition coefficient	Data not available
Auto-ignition temperature	N/A
Decomposition temperature	Data not available

Kinematic viscosity	Data not available
Particle characteristics	Data not available

## **Section 10. Stability and Reactivity**

Chemical Stability	Stable. Does not react or polymerise
Conditions to Avoid	High heat or direct sunlight
Incompatibility	Strong acids and alkalis
Hazardous Decomposition Products	Carbon monoxide in a fire

## **Section 11 Toxicological Information**

Acute Oral Toxicity	LD <sub>50</sub> Rat (oral) > 2000 mg / kg
Acute Dermal Toxicity	LD <sub>50</sub> Rat (dermal) > 5000 mg / kg
Long term Effects	Not likely to be hazardous
Toxicological Data	No data available

## **Section 12. Ecotoxicological Information**

### Environmental Precautions:

<i>Ecological Toxicity</i>	No environmental hazard under normal conditions
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### Environmental Fate:

<i>Soil</i>	Biodegradable and not persistent
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<i>Water</i>	Biodegradable and not persistent
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Environmental Exposure Limits	EEL <sub>water</sub> Not set
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## **Section 13. Disposal Considerations**

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

## **Section 14 Transport Information**

### Road, Rail, Marine and Air Transport

UN No	Not applicable
Class-primary	Not applicable
Packing Group	Not applicable
Proper Shipping Name:	Not applicable

<b>Section 15</b>	<b>Regulatory Information</b>
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Classification	6.1E, 6.4A
Group Standard	Cleaning product (subsidiary hazard)
ERMA Approval No	HSR002530

<b>Section 16</b>	<b>Other Information</b>
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Supplied in 20lt containers. Code: PC20

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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## **POWER CLEAN™**

### **PURPOSE:**

Power Clean™ is a concentrated alkaline cleaner with added Ammonia for cleaning dirt, grease, grime, smog and industrial fallout.

### **DIRECTIONS:**

Always check first the surface to be cleaned for colourfastness by testing in an inconspicuous area. Use water to dilute Power Clean™ and then apply to the area to be cleaned so the dirt is penetrated. Agitate with a brush, rag or sponge before rinsing clean with water. Do not allow Power Clean to dry on the surface. Power Clean™ works best on cool surfaces.

Power Clean™ is ideal to clean tyres, wheels, under bonnets, door jambs and engines. Power Clean™ is also ideal for cleaning floors, stoves, benches, baths, showers and toilets.

### **Suggested dilution rates.**

1 part Power Clean™ to 4 parts water: Heavy Cleaning  
1 part Power Clean™ to 20 parts water: Medium Cleaning  
1 part Power Clean™ to 50 parts water: Light Cleaning

### **WARNING:**

Harmful if swallowed. Possible eye irritant.

**KEEP OUT OF REACH OF CHILDREN.**