



## SAFETY DATA SHEET

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

Product: FC09 Powerwash™  
 Product Code: FC  
 Product Use: Biodegradable cleaner designed to remove heavy dirt and grime from most types of surfaces

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: July 2015

### Section 2. Hazards Identification



#### WARNING

**H302 Harmful if swallowed**  
**H312 Harmful in contact with skin**

|            |  |
|------------|--|
| Swallowed  | Mildly toxic in large amounts causing irritation to throat & respiratory tract |
| Eyes       | Moderately irritating  |
| Skin       | Not considered an irritant   |
| Inhalation | Not likely to be a hazard under normal label use                               |

### 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                              | <80                 | 7732-18-5     |
| Alcohol Ethoxylate                 | <5                  | Proprietary   |
| Blended Surfactant Concentrates    | <3                  | Unknown       |
| Ethylene Glycol Monobutyl Ether    | <1                  | 111-76-2      |
| Disodium Metasilicate              | <5                  | 6834-92-0     |
| Lauryl Diethanolamide              | <3                  | 120-40-1      |
| Diphosphoric Acid                  | <5                  | 2466-09-3     |
| Carbamide                          | <3                  | 57-13-6       |
| Sodium Hydroxide                   | <1                  | 1310-73-2     |
| Linear Alkylbenzene Sulphonic Acid | >5                  | 68584-22-5    |
| Formaldehyde                       | <1                  | 50-00-0       |
| Silicone Glycol Copolymer          | <1                  | Not available |
| Alcohol Ethoxylate                 | <5                  | 68131-39-5    |

### 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 of extinguishing media                        |
| Fire and Explosion hazards   | Not combustible   |
| 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 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:    | Gloves and protective goggles should be worn. 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: | Gloves and protective goggles should be worn when handling bulk amounts |

## Section 9 Physical and Chemical Properties

|                                 |                    |
|---------------------------------|--------------------|
| Appearance                      | Orange/Red         |
| Odour:                          | Mild               |
| Odour threshold                 | Data not available |
| pH:                             | Neutral            |
| 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                                |
| Conditions to Avoid              | Direct sunlight and high temperatures |
| Incompatibility                  | Strong acids and alkalizes            |
| Hazardous Decomposition Products | Carbon Monoxide                       |

## 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       |
| Ingestion             | Mildly toxic                                     |
| Skin Irritation       | Not considered an irritant                       |
| Eye Irritant          | Moderately irritating                            |
| Skin Contact          | Not likely to be a hazard under normal label use |
| Inhalation            | Moderately irritating                            |
| Long term Effects     | Not known  |
| Toxicological Data    | Not available                                    |

## Section 12. Ecotoxicological Information

### Environmental Precautions:

*Ecological Toxicity* No environmental hazard under normal conditions

### Environmental Fate:

*Soil* Biodegradable, not likely to persist  
*Water* Biodegradable, not likely to persist

Environmental Exposure Limits EEL<sub>water</sub> : Not set

## Section 13. Disposal Considerations

Concentrated product may be too alkaline to put in sewer. Seek professional advice

## Section 14 Transport Information

Road, Rail, Marine and Air Transport  
 Not hazardous for transportation

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

### **Section 15 Regulatory Information**

|                  |                                      |
|------------------|--------------------------------------|
| Classification   | Acutely toxic 6.1E                   |
| Group Standard   | Cleaning Product (subsidiary hazard) |
| ERMA Approval No | HSR 002530                           |

### **Section 16 Other Information**

Supplied in 4lt, 20lt, 200lt. Code: FC4, FC20, FC9.

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.



## FC09 POWERWASH™

### **PURPOSE:**

FC09 Powerwash™ is designed to remove road film, exhaust residues, bugs, dirt and grime from trucks, trailers, machinery, caravans and boats whilst leaving a streak free finish.

### **Directions:**

FC09 works best on cool surfaces. Hose away any dirt from the vehicle prior to applying the FC09.

**By Water Blaster:** Dilute 1 part FC09 to 25 parts of water for normal vehicle washing. Spray on the vehicle, allow it to penetrate the dirt and grime for up to 5 minutes before rinsing off with clean water at high pressure.

**By Brush or sponge:** Dilute 1 part FC09 with 100 parts of water in a bucket. Wash the vehicle and then rinse the suds off with clean water.

The FC09 dilution rate maybe altered to suit your vehicle needs.

### **WARNING:**

Harmful if swallowed. Possible eye irritant.