



SAFETY DATA SHEET

Section 1.	Identification of the material and the supplier
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Product:	Multiclean Plus™
Product Code:	MUL
Product Use:	Biodegradable cleaner designed to remove heavy dirt and grime from most types of surfaces MAF Approved Cleaner C37, C38 MPI APPROVED FOR USE IN FARM DAIRIES
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
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WARNING

H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation

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
Surfactant Blend	<10	Unknown
Blended Surfactant Concentrates	<5	Unknown
Ethylene Glycol Monobutyl Ether	<5	111-76-2
Disodium Metasilicate	<5	6834-92-0
Lauryl Diethanolamide	<5	120-40-1
Diphosphoric Acid	<5	2466-09-3
Carbamide	<5	57-13-6
L-Glutamic Acid	<5	51981-21-6

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	Thin purple liquid
Odour:	Mild odour
Odour threshold	Data not available
pH:	9.0 to 9.5
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 ₅₀ Rat (oral) > 2000 mg/kg
Acute Dermal Toxicity	LD ₅₀ 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_{water} : 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: MUL4, MUL20, MUL9.

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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MULTICLEAN PLUS™

MAF Approved Cleaner C37, C38

PURPOSE:

Multiclean Plus™ is biodegradable cleaner designed to remove heavy dirt and grime from most types of surfaces. Environmentally and user friendly.

MPI APPROVED FOR USE IN FARM DAIRIES

Automotive: Use to clean vinyl, upholstery, floor mats, door jambs, wheels, wheel arches, under bonnets, exhaust deposits, road film.

Household: Highly suitable for cleaning floors, concrete, stoves, benches, baths, showers, toilets and house exteriors with water blaster.

DIRECTIONS:

Dilute with water as required

Light cleaning 1:100

Medium cleaning 1:50

Heavy cleaning 1:25

Extra heavy cleaning 1:1

Do not let dry on surface being cleaned always rinse off with clean water. Because of its high active ingredients Multiclean Plus has been known to crystallise in certain circumstances.

WARNING:

KEEP OUT OF REACH OF CHILDREN.