

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE PRODUCT

#### Product Name/s: Variant/s Manufacturer's Product Codes

Product Name/s:	Variant/s	Manufacturer's Product Codes	
		Finished Goods Code:	Formula Code:
AIRCONcare AC Service Kit	2 Litre in a Kit	CLNKT	MGY 001
AIRCONcare Cleaning Solution	2 Litre Bottle	REFL	MGY 001

Recommended Use: For servicing and cleaning air conditioner cooling coils and fan rotors.

Supplier: MacGyver Lab Pty Ltd

Address: Suite 298, 585 Little Collins Street,  
Melbourne, VIC 3000

Telephone: +61 386521242 (AUS)

Email: techsupport@macgyverlab.com

Mon–Fri 9:00 am – 5:00 pm

Website: <http://www.airconcare.com>

Poison Information

Centre (24 hour): 131 126 (AUS)

### 2. HAZARDS IDENTIFICATION

#### STATEMENT OF HAZARDOUS NATURE FOR AUSTRALIA

#### HAZARDOUS SUBSTANCE – NON-DANGEROUS GOOD

According to the Criteria of NOHSC, and the ADG Code

Hazard Category: Xi: Irritant

Risk Phrase(s): R36 Irritating to eyes

Safety Phrase(s): S2 Keep out of reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% By Weight	CAS No.
QUATERNARY AMMONIUM COMPOUND	Less than 0.05%	Not Available
Sodium Carbonate	Less Than 5%	497-19-8
Anionic Surfactant	Less Than 0.5%	25155-30-0
Sodium Metasilicate	Less Than 5%	6834-92-0
Sodium Hypochlorite	Less Than 0.5%	7681-52-9
Water	Greater Than 65%	7732-18-5

### 4. FIRST AID MEASURES

Ingestion: Remove product from mouth. Drink 1 or 2 glasses of water (or milk). If large amount swallowed or symptoms develop obtain medical attention. DO NOT induce vomiting.

Eye contact: Hold eyes open, flood with water for at least 15 minutes and seek medical attention.

Skin contact: Remove contaminated clothing and wash the skin thoroughly with water. If symptoms occur seek medical advice.

Inhalation: Remove from source of exposure to fresh air. Obtain medical attention if symptoms persist.

Symptoms: Symptoms may vary depending on the level of exposure

Notes to physician: Symptomatic and general supportive treatment should be given.

Treatment: Treat Symptomatically

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Extinguish with water, CO<sub>2</sub>, foam or dry chemical.

Specific hazards: Not flammable but may give off toxic fumes if involved in a fire.

Hazards from decomposition products: Decomposes under fire conditions, and may emit very small amounts of harmful and toxic decomposition products.

Precautions for fire fighters: Fire fighters should wear self-contained breathing apparatus for risk of exposure to decomposition products.

## 6. ACCIDENTAL RELEASE MEASURES

- Small spills: For spills during personal use, rinse with plenty of water. Normal good housekeeping practices required.
- Large spills: For major spills of bulk product, protective clothing consisting of overalls, safety glasses and gloves should be worn. Contain using absorbent (soil, sand, vermiculite or other inert material). Prevent run off into drains and waterways. Collect and seal in properly labelled containers for disposal. Wash down any final residues excess water to sewer.

## 7. HANDLING AND STORAGE

- Precautions for Handling: For domestic use: Keep out of reach of children. Read label before use. Avoid skin and eye contact. Wash hands immediately after use.
- When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation. Always wash hands before smoking, eating, drinking and using the toilet.
- Precautions for Storage: An eyewash station should be installed next to where bulk product is made or stored.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits (Australia and New Zealand):

Calcium Carbonate: 10 mg/m<sup>3</sup> Inspirable dust TWA

Engineering measures: When handling bulk product, ensure adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

Personal protection equipment: When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation. Always wash hands before smoking, eating, drinking and using the toilet.

## Section 9. Physical and Chemical Properties of MGY001 Formulation

Properties	Data	Properties	Data
Appearance	Lemon Yellow Liquid	pH	10 ~ 13
Odor	Odorless or mild odor	Surface tension	30 ~ 50 dyne/cm
Autoflammability	None	Viscosity	2 ~ 5 cps
Explosive properties	None	Boiling point	Greater than 212 deg.F / 100 deg.C
Oxidizing properties	None	Freezing point	Less than 28.4 deg.F / -2 deg.C
Vapor density	Greater than 1 (air=1)	Melting point	Less than 28.4 deg.F / -2 deg.C
Relative density	1.06 at 68 deg.F / 20 deg.C	Flash point	Greater than 230 deg.F / 110 deg.C
Solubility in water	Complete	Solubility in fat	Not available
		Partition coefficient	Not available

## 10. STABILITY AND REACTIVITY

Stability: Product is stable when stored and used in accordance with manufacturers directions.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE EFFECTS

Ingestion:	Unlikely to be harmful unless an excessive amount is swallowed
Eye contact:	May cause irritation.
Skin contact:	Unlikely to be an irritant in normal use.
Inhalation:	May cause irritation.
Long Term Effects:	No specific chronic effects expected.
Acute Toxicity/Chronic Toxicity:	Not available

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence & degradability:	Surfactants are readily biodegradable according to Australian Standard AS 4351.
Mobility:	Not available

## 13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Empty bottle can be rinsed and disposed through council recycling service if this type of packaging is accepted.

## 14. TRANSPORT INFORMATION

UN Number:	None Allocated
Proper shipping name:	None Allocated
Class:	None Allocated
Subsidiary Risk 1:	None Allocated
Packing group:	None Allocated
Hazchem code:	None Allocated
EPG:	None Allocated
Segregation Dangerous Goods:	None Allocated
Marine Transport:	None Allocated
Air Transport:	None Allocated

## 15. REGULATORY INFORMATION

### Australia

SUSDP Poisons Schedule Number: None allocated.

Prohibition/Licensing

Requirements: There are no applicable prohibitions or notification, licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

Industrial Chemicals

(Notifications and  
Assessment) Act 1989:

All ingredients are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

### New Zealand

NZ Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard 2006

HSNO Approval No: HSR002530

Approval Handler: Is not required for the Cleaning Products (Subsidiary Hazard) Group Standard.

NZ Inventory of Chemicals (NZIoC): All hazardous chemicals in this product are on the NZ Inventory of Chemicals.

NZ Hazard Classification

NZ HSNO: 6.3A, 8.3A

All hazardous ingredients are on the NZ Chemical Classification

Information Database.

## 16. OTHER INFORMATION

Date of Revision: 09 August 2013

### Common Acronyms Used

CAS No.	Chemical Abstracts Service Registry Number
UN No.	United Nations Dangerous Goods Number
EPG	Emergency Procedure Guide

### New Zealand Acronyms Used

HSNO	Hazardous Substances and New Organisms Act and Regulations
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### Australian Acronyms Used

NICNAS	National Industrial Chemicals Notification and Assessment Scheme
SUSDP	The Standard for Uniform Scheduling of Drugs and Poisons

## DISCLAIMER

This MSDS summarises to the best of our knowledge the health and safety hazard information on the product and how to safely handle and use the product in the workplace, and should not be construed as guaranteeing specific technical properties. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Since methods and conditions are beyond our control, in inappropriate contexts we do not accept liability for any damages resulting from the use of, or reliance on, this information.