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## Material Safety Data Sheet

SECTION 1	IDENTIFICATION	AIRX A2Z	
<b>Product Name; AIRX A2Z</b>			
UN Number	None allocated	HAZCHEM CODE	None allocated
Dangerous Goods Class	Not classified as a Dangerous Good using the criteria of the ADG Code	NOHSC Classification	Not classified as hazardous according to the criteria of the NOHSC
Packaging Group	None allocated, PG III may be used as a guide	Poisons Schedule	None allocated using the criteria of the SUSDP
Uses	GP Detergent Cleaner		
SECTION 2	COMPOSITION		
CHEMICAL DESCRIPTION	CAS No.	Proportion %	
Coco glycoside surfactant		<10%	
Sodium citrate		<5%	
Amphoteric surfactant		<5%	
Fragrance blend	Proprietary	<1%	
Water	7732-18-5	balance	
SECTION 3	HAZARDS IDENTIFICATION		
Most Important Hazards	Low toxicity product.		
Adverse human health effects	Avoid contact with eyes. Ingestion of this product may cause vomiting and some diarrhea.		
Environmental effects	This product is readily biodegradable		
Physical and Chemical Hazards	None known		
Further hazards	None known		
Classification / Specific hazards	Avoid eye contact.		
SECTION 4	FIRST AID MEASURES		
Contact with skin	Wash off		
Contact with eyes	Flush immediately with water for at least 15 minutes. Consult a doctor or Poisons Information Centre (Ph: 131 126) if irritation persists.		
Inhalation			
Ingestion	Drink large quantities of milk or water. Consult a doctor or Poisons Information Centre (Phone: 131 126).		
Other Information			
SECTION 5	FIRE – FIGHTING MEASURES		
Extinguishing media			

- Suitable	This material will not burn but in the event of a fire it is compatible with; foam, DCP, CO <sub>2</sub> , or water spray or fog.
- Not suitable	None known
Specific Hazards	Do not enter confined fire-spaces without protective clothing and self-contained air supply.
<b>SECTION 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
Personal Precautions	For regular use, plastic gloves are recommended. Normal work clothing.
Environmental Precautions	Where possible flush to trade waste drain or treatment sewer:
Methods for cleaning up	Dispose of in accordance with applicable Federal, State and Local Authorities.
	Disposal must be in accordance with EPA requirements and then also to an approved trade waste station or tip.
<b>SECTION 7</b>	<b>HANDLING AND STORAGE</b>
Handling	
Technical measures	Wash hands after use. Avoid contact with eyes.
Storage	
Technical measures	To maintain product activity, keep container securely closed and avoid freezing.
Storage conditions	Keep in a cool dry place out of direct sunlight. Keep from freezing.
Incompatible products	Incompatible with strong oxidizers.
Packaging	No packaging group allocated, use PG III as a guide
Packaging Materials	
- Recommended	Plastics, PET, PVC, Polyethylene or Polypropylene or glass
- Not Suitable	Metal or wooden containers
<b>SECTION 8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
Engineering measures	
Personal protective equipment	
Hand protection	Plastic gloves
Eye protection	
Skin and body protection	Normal work clothing and shoes or boots
<b>SECTION 9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
Appearance	
Physical state	Low to medium viscosity liquid
Form	liquid
Colour	Light green appearance
Odour	Characteristic
pH	Typical 8.5 – 9.5
Specific temperatures	
Freezing	Approximately 0 °C
Boiling	Approximately 100 °C
Flammability characteristics	
Flash point	Not combustible, no flash point detected.
Oxidizing properties	None
Specific gravity	1.046 +/- 0.005 g cm <sup>-3</sup>
Solubility	
In water	Fully miscible in water

In organic solvents	Immiscible in hydrocarbon solvents.
<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
Stability	Stable
Hazardous reactions	None known
Materials to avoid	Oxidizing agents
Hazardous decomposition products	The principal product evolved in heating this product is water, there are no other known decomposition products until the product is evaporated to dryness. AIRX A2Z may evolve toxic gases if heated to decomposition (E.g.; Carbon Oxides)
<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
Acute toxicity	
Local effects	
Sensitisation	None known
<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
Mobility	This material is highly mobile being a medium viscosity fluid, it will also soak into porous ground.
Biodegradability	This product is readily biodegradable in exposed conditions
Ecotoxicity	Not expected to cause adverse effects if released to the environment
<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
Waste from residues	Waste from residues will automatically become part of the liquid waste streams.
Used Packaging	Rinse well with water
<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
	Product is stable
UN Number	None allocated
Hazchem	None allocated
Dangerous Goods Class and Subsidiary Risk	Not classified as a Dangerous Good by the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Poison Schedule	A poison schedule number has not been allocated to AIRX A2Z using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Packaging Group	None allocated, PG III can be used as a guide.
<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
Labelling	
- Risk Phrases	None allocated
- Safety Phrases	S2; Keep out of the reach of children S25 Avoid contact with eyes.
Classifications / Symbols	None allocated.
Note	
<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
Uses	AIRX A2Z is a general purpose readily biodegradable cleaning detergent

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. 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. The responsibility for products sold is subject to our standard terms and conditions. Please read all labels carefully before using product.

CHEMIST:	Graeme A.L. Paul, FRACI, FIChemE, CPChem, CEng, CSci, CChem, MAIE, MFACS(Life)	DATE PREPARED;	July 2008
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