

Austral Windowcleaner

1. Identification of the substance/mixture and supplier

Product Name	Austral Windowcleaner
Other names	None
Recommended Uses	Window cleaner
Supplier	Clark Products Limited
Street address	24-28 Niven Street Onekawa Napier
Telephone Number	(06) 843 6049
Facsimile	(06) 843 2758
Emergency Telephone	0800 CHEMCALL (24 hours) 0800 243 622

2. Hazards Identification

Dangerous goods	Not classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land
Hazardous substances	Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.
HSNO Classification	3.1D (flammable liquid, low hazard) 6.4A (irritating to eyes)
Hazard Statements	Combustible liquid. Causes eye irritation.
Precautionary Statements	Read label before use. Keep away from flames/ hot surfaces. No smoking. Wash hands thoroughly after handling. Store in a well ventilated place. Keep cool.

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Isopropyl Alcohol	67-63-0	<10%
2-Butoxyethanol	111-76-2	<5%
Surfactant	-	<1%
Ammonium Hydroxide	1336-21-6	<0.2%
Blue Dye	-	<0.01%
Water	7732-18-5	To 100%

4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor
Have product container or label at hand.

Swallowed	Do NOT induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor/physician if you feel unwell
------------------	---

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical advice/attention.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
Advice to Doctor	Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

5. Fire-fighting Measures

Specific Hazard	Combustible liquid.
Suitable Extinguishing Media	Water spray or fog, alcohol stable foam or carbon dioxide.
Fire-fighting advice	On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Do not direct solid stream of water or foam into hot, burning pools, this may cause frothing and increase fire intensity.
Special Fire Precautions	Fire fighters to wear full protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

Avoid contact with skin and eyes. Ventilate contaminated area thoroughly. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. No smoking, avoid sparks. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk. Absorb using inert material, collect and seal in properly labelled containers or drums for safe disposal. Flush contaminated area with plenty of water. Retain washings as contaminated waste. Do not wash material down the drain or sewer. If contamination of sewers or waterways has occurred, advise local Emergency Services

7. Handling and Storage

Handling advice	Before use carefully read product label. Avoid skin and eye contact and breathing in vapour mists and aerosols
Storage advice	Store in a cool dry place and out of direct sunlight. Store away from foodstuffs. Store away from heat and sources of ignition. Store away from oxidising agents and acids. Keep out of reach of children. Keep containers closed when not in use-check regularly for leaks.

8. Exposure Controls/Personal Protection

Workplace Exposure Guidelines

No value assigned to this specific material by the New Zealand Occupational Safety and Health Service (OSH).

However, exposure standards for constituents:

Isopropyl Alcohol: WES-TWA: 400 ppm, 983 mg/m³

WES-STEL: 500 ppm, 1230 mg/m³

2-Butoxyethanol (skin): WES- TWA: 25 ppm, 121 mg/m³

As published by the New Zealand Occupational Safety and Health Service (OSH).

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure. 'Skin' notice – absorption through the skin may be a significant source of exposure.

WES - STEL (Workplace Exposure Standard - Short Term Exposure Limits) - The 15 minute average exposure standard. Applies to any 15 minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

The WES-STEL is not an alternative to the WES-TWA; both short-term and eight-hour, time-weighted average exposures should be determined.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Controls

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment

Wear chemical goggles if eye contact is likely. Wear PVC or rubber gloves where repeated or prolonged contact is likely or contact with broken or sensitive skin is possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and Chemical properties

Appearance	Clear, blue liquid
Odour	Mild alcohol/ether odour
Solubility	Soluble in water
Specific Gravity	0.99 (20°C)
Flash Point (°C)	>60°C
pH	Not available
Melting Point	Not available
Boiling Point	Not available
Vapour Pressure	Not available

10. Stability and Reactivity

Stability	Stable under ambient conditions. Hazardous polymerisation will not occur.
Reactivity	Keep away from heat, sources of ignition and open flames. Incompatible with oxidising agents and acids

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Symptoms that may arise if the product is mishandled or overexposure occurs are:

Swallowed	Slightly toxic if swallowed. Irritation of mouth. Signs of intoxication including dizziness, narcosis (drunkenness) and coma in severe cases.
Eye Contact	Irritant to eyes, by vapour and liquid contact.
Skin Contact	Contact with skin may result in irritation. Prolonged or repeated exposure may have a degreasing effect on skin.
Inhaled	Harmful by inhalation. Vapour is moderately irritating to mucous membranes and respiratory tract.
Long Term Effects	No information is available on this product.
Toxicological Data	No data available for product, However for constituents: Isopropyl Alcohol: Acute Oral LD50 (ingestion) (rat): 5045 mg/kg Eyes: moderate irritant (rabbit) Skin: mild irritant (rabbit) 2-Butoxyethanol: Acute Oral LD50 (ingestion) (rat): 3310 mg/kg Acute inhalation LCLo (rat): >16000 ppm/4hr Acute dermal LD50 (rabbit): >1060 mg/kg.

12. Ecotoxicological information

Avoid contaminating waterways. Isopropyl Alcohol has a low potential for bioaccumulation and is substantially biodegradable in water.

Aquatic toxicity	No data available for product
-------------------------	-------------------------------

13. Disposal

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Normally product is suitable for disposal at an approved landfill site. Processing, use or contamination of this product may change the waste management options. Care should be taken to ensure compliance with national and local regulations. This product is NOT for disposal via municipal sewers, drains, natural streams or rivers.

Special Precautions: Emptied containers retain product residue and may therefore present hazards. Observe all safeguards on label and in this SDS until container is cleaned or destroyed. Decontaminate empty containers with plenty of water. Dispose of washed containers in accordance with local authority requirements (normally at an approved landfill site).

14. Transport information

Road and Rail Transport

Not Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

15. Regulatory Information

ERMA (NZ) Approval code	HSR002525
Group Standard	Cleaning Products (Combustible) Group Standard 2006
HSNO Classification	3.1D (flammable liquid, low hazard) 6.4A (irritating to eyes)

16. Other information

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. The User is responsible to evaluate all available information when using the product for any particular use and to comply with all the current legislation.