SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Spitwater		
ADDRESS:	953 Metry St, Albury, NSW, 2640		
Trade Name:	**FLOWRPM WINDOW & CHROME CLEANER**		
TELEPHONE:	1800 774 892	**WEB:**	spitwater.com.au
EMERGENCY TELEPHONE:	1300 774 575 in Australia (M-F 7am-7pm)	**Synonym:**	FRWCC
Substance:	Water based cleaning product	**Product Use:**	Glass cleaner
Creation Date:	January 2024	**Revision Date:**	January 2029

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Dangerous Goods	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
GHS Classification	Non-Hazardous by the criteria of Safe Work Australia (GHS7).
Poisons Schedule	None allocated
Label elements	
GHS label pictograms	None allocated
Signal word	None allocated
Hazard statement(s)	
	None allocated
Precautionary statement(s): General	
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
Precautionary statement(s): Prevention	
	None allocated
Precautionary statement(s): Response	
	None allocated
Precautionary statement(s): Storage	
	Store in accordance with local regulations.
Precautionary statement(s): Disposal	
P501	Dispose of contents and container in accordance with local regulations.
Note	
IMPORTANT	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
2-butoxy ethanol	111-76-2	< 5
Ethanol	64-17-5	< 5
Isopropanol	67-63-0	< 5
Ingredients determined to be non-hazardous at the concentrations used (including water)	various	To 100

SECTION 4 – FIRST AID MEASURES	
Inhalation	First aid not normally required. If necessary, remove person to fresh air away from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Obtain medical attention if symptoms occur.
Skin contact	First aid not normally required. If swelling, redness or irritation occurs seek medical assistance. Continue to flush skin and hair with plenty of water.
Eye contact	If necessary, irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. If irritation persists seek medical assistance.
Ingestion	First aid not normally required. If intervention is needed do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES	
Fire and Explosion Hazards	Non-flammable liquid. However, on evaporation of the aqueous component, the residual material may burn.
Extinguishing Media	Use an extinguishing media suitable for surrounding fires.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
Flash Point	Does not sustain combustion.
Hazchem	None allocated.

SECTION 6 – ACCIDENTAL RELEASE MEASURES	
Emergency Procedures	Wear PPE in accordance with Section 8 of this SDS. Minor spills: Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. As a water-based product, if spilt on electrical equipment the product will cause short-circuits. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

SECTION 7 – HANDLING AND STORAGE	
Handling	Avoid eye contact with concentrate. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling. Launder contaminated clothing before re-use.
Storage	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by Safe Work Australia: **Time-weighted Average (TWA):** Ingredient: 2-butoxy ethanol 20ppm, 96.9 mg/m3 Ingredient: ethanol 1000ppm, 1880 mg/m3 Ingredient: isopropanol 400ppm, 983 mg/m3 **Short Term Exposure Limit (STEL):** Ingredient: 2-butoxy ethanol 50ppm, 242 mg/m3 (Note: Sk) Ingredient: isopropanol 500ppm, 1230 mg/m3
Ventilation	No special requirements. Ensure adequate ventilation in use.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment may be used when handling repeatedly or in large quantities;
Eye Protection	Safety glasses should be used for handling concentrate in large quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material such as Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile – may be considered to handle in large quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective workwear, e.g. apron, long sleeves/trousers, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.
Respirator	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	**Colour**	Colourless
Odour	Floral	**Specific Gravity**	Approx. 1.0 @ 25 °C
Boiling Point	Approximately 100 °C	**Freezing Point**	Approximately 0 °C
Vapour Pressure	Not available	**Vapour Density**	Not available
Flash Point	> 65 °C	**Flammable Limits**	none
Water Solubility	Miscible in all proportions	**pH**	6.5-7.5

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatibilities	None known.
Hazardous Decomposition	Thermal decomposition may result in the release of toxic and/or irritating fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS	
No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:	
Inhalation	Low risk, however, inhalation of mists or aerosols can produce mucous membrane and respiratory irritation. Exposure to high concentrations of the product in liquid form or as a mist may lead to possible harmful irritation effects.
Skin contact	Contact with skin may cause mild irritation for some individuals. Severity depends on the concentration and duration of exposure.
Eye contact	Contact with eyes may cause irritation. Severity depends on the concentration and duration of exposure.
Ingestion	Swallowing may result in nausea, irritation.
Chronic exposure	May cause mild irritation to eyes.
Toxicology Information	Not toxic, based on ingredient calculated values.
Carcinogen Status	No significant ingredient is classified as carcinogenic by SWA.
Respiratory Sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity Product	Not expected to be harmful to aquatic life.
Persistence and degradability	No information.
Bio accumulative potential	No bioaccumulation is expected.
Mobility in soil	Due to its physicochemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
Other adverse effects	Not available
Environmental Protection	Do not discharge this material into waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

SECTION 14 – TRANSPORT INFORMATION

ADG	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
Marine Pollutant	No
Land Transport (ADG)	
UN Number	None allocated.
Proper Shipping Name	None allocated.
Class	None allocated.
HAZCHEM Code	None allocated.

Packing Group	None allocated.
ERG	None allocated.
Limited Quantity	None allocated.
Segregation	None allocated.

SECTION 15 – REGULATORY INFORMATION

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	None allocated.
ADG Code	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
AICS	All ingredients present on AICS

SECTION 16 – OTHER INFORMATION

Issue Date	January 2024
Version Number	V6: regular review
Abbreviations and acronyms	**ADG Code**: Australian Code for the Transport of Dangerous Goods by Road and Rail. **AICS:** Australian Inventory of Chemical Substances. **CAS Number**: Chemical Abstracts Service Registry Number. **GHS**: Globally Harmonized System of Classification and Labelling of Chemicals **HAZCHEM:** An emergency action code of numbers and letters which gives information to emergency services. **HCIS**: Hazardous Chemical Information System **SWA**: Safe Work Australia. **SDS**: Safety Data Sheet **STEL**: Short Term Exposure Limit. **SUSMP**: Standard for the Uniform Scheduling of Medicines and Poisons. **TWA**: Time Weighted Average. **UN Number**: United Nations Number.
Literature references	Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia) GHS Hazardous Chemical Information List (Safe Work Australia) Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Global Harmonized System of Classification and Labelling of Chemicals (GHS) “Australian Exposure Standards”. Safe Work Australia Australian Code for The Transport of Dangerous Goods by Road and Rail Standard for the Uniform Scheduling of Medicines and Poisons Safety Data Sheets – individual raw materials – Suppliers HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.
Disclaimer	This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

End of SDS