



## SAFETY DATA SHEET - NZ "CRYSTAL CLEAR FIREPLACE GLASS CLEANER"

SECTION 1 – PRODUCT IDENTIFICATION			
<b>Product Name:</b>	<b>"CRYSTAL CLEAR FIREPLACE GLASS CLEANER"</b>		
<b>Distributor:</b>	Tollesbury Enterprises		
<b>Address:</b>	20A Peters Way, Silverdale, Auckland 0932		
<b>Regular Phone No:</b>	(09) 421 0191	<b>FAX:</b>	(09) 421 0192
<b>Emergency Phone No:</b>	021 873 434	<b>Email:</b>	<a href="mailto:info@tollesbury.co.nz">info@tollesbury.co.nz</a>
<b>Substance:</b>	Cream	<b>Product Use:</b>	Cleaning solution for glass on stove doors.
<b>Product Code:</b>	<b>04-00</b>		

SECTION 2 – HAZARDS IDENTIFICATION	
<b>New Zealand classification of the substance or mixture</b>	
<b>EPA Classification</b>	This material is classified as <b>hazardous</b> according to criteria of the <b>New Zealand EPA</b>
<b>Group Standard</b>	Cleaning Products (Subsidiary Hazard) Group Standard 2020
<b>HSNO</b>	HSR002530
<b>Hazard Categories</b>	Eye Damage – Category 1
<b>Label elements</b>	
<b>GHS label pictograms</b>	Corrosive
<b>Signal word</b>	DANGER
<b>Hazard statement(s)</b>	
	Causes serious eye damage
<b>Precautionary statement(s): General</b>	
	Keep out of reach of children. In emergencies call 000.
<b>Precautionary statement(s): Prevention</b>	
	Wear eye protection.
<b>Precautionary statement(s): Response</b>	
	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor
<b>Precautionary statement(s): Storage</b>	
	Store in accordance with local regulatory requirements
<b>Precautionary statement(s): Disposal</b>	
	Dispose of contents/container in accordance with local regulations. Intended for industrial and commercial use only. For further information refer to the SDS
<b>Note</b>	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. Adhere to good hygiene and housekeeping practices.

SECTION 3 – INGREDIENTS		
Ingredients:	CAS Number:	Proportion:
2-propylheptanol based polymer	166736-08-9	<10% w/w
Ingredients determined to be non-hazardous at the concentrations used	Various	10 - 30% w/w
NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) (current edition). Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.		



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### SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

<b>Scheduled Poisons</b>	Poisons Information Centre in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (NZ 0800 764 766).
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Skin contact</b>	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
<b>Eye contact</b>	Immediately irrigate with water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if any irritation persists.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
<b>Inhalation</b>	Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor) if symptoms persist.
<b>Advice to Doctor</b>	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient.
<b>Aggravated Medical Conditions</b>	None known.

### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Water based. Not combustible. However, if involved in a fire will emit toxic fumes.
<b>Extinguishing Media</b>	Use an extinguishing media suitable for surrounding fires.
<b>Fire Fighting</b>	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. Evacuate area - move upwind of fire.
<b>Flash Point</b>	Not combustible.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES




<b>Emergency Procedures</b>	No HAZCHEM code.
<b>Occupational Release</b>	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

### SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	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.
<b>Storage</b>	Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.



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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION	
<b>Exposure Limits</b>	National Occupational Exposure Limits, as published by WorkSafe NZa: <b>Time-weighted Average (TWA):</b> None established for specific product. <b>Short Term Exposure Limit (STEL):</b> None established for specific product. Exposure Limits of individual ingredients: None allocated.
<b>Engineering Controls</b>	No special requirements.
<b>Personal Protective Equipment</b>	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
<b>Eye Protection</b> 	The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.
<b>Skin Protection</b>  	Generally, not required to handle as per label directions. Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
<b>Protective Material Types</b>	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
<b>Respirator</b>	Generally not required for normal cleaning operations.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
<b>Physical State</b>	Cream	<b>Colour</b>	Cream
<b>Odour</b>	Citrus	<b>Specific Gravity</b>	1.05 – 1.08 @ 25 °C
<b>Boiling Point</b>	Approximately 100 °C	<b>Freezing Point</b>	Approximately 0 °C
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Not available
<b>Flash Point</b>	Not flammable	<b>Flammable Limits</b>	None
<b>Water Solubility</b>	Miscible in all proportions	<b>pH</b>	8.0 – 9.0 neat
<b>Volatile Organic Compounds (VOC)</b>	Ca 2 % v/v	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Viscosity</b>	Not available	<b>Odour Threshold</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Per Cent Volatile</b>	Ca 80 % v/v

SECTION 10 – STABILITY AND REACTIVITY	
<b>Chemical Stability</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Oxidising agents, extremes in temperature.
<b>Incompatible Materials</b>	Oxidising agents.
<b>Hazardous Decomposition</b>	Product can decompose on combustion (burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
<b>Hazardous Reactions</b>	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION	
<b>POTENTIAL HEALTH EFFECTS</b>	
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:	
<b>Ingestion</b>	
<b>short term exposure</b>	Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain



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	and irritation to the mouth, throat and stomach.
<b>long term exposure</b>	No information available.
<b>Skin contact</b>	
<b>short term exposure</b>	Generally, not irritating in contact with skin. Prolonged contact with concentrated solutions may cause irritation in certain individuals.
<b>long term exposure</b>	Prolonged and repeated skin contact with undiluted solutions may induce eczematoid dermatitis.
<b>Eye contact</b>	
<b>short term exposure</b>	This product is damaging to the eyes. May cause burns and permanent corneal damage.
<b>long term exposure</b>	No information available.
<b>Inhalation</b>	
<b>short term exposure</b>	Not a dust hazard in moist form as supplied. This product has been test and there is no dust hazard used as directed.
<b>long term exposure</b>	No information available.
<b>Carcinogen Status</b>	
<b>SWA</b>	Product as supplied is not classified as carcinogenic by SWA
<b>NZEPA</b>	Product as supplied is not classified as carcinogenic by NZEPA.
<b>IARC</b>	This product contains crystalline silica. This product has been test and there is no dust hazard used as directed. Repeated exposure to respirable crystalline silica dust may lead to silicosis, a serious lung disease. The International Agency for Research on Cancer has classified crystalline silica as a Group 1 Carcinogen – Carcinogenic to Humans, based on sufficient evidence in humans and animals.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitizer.
<b>Skin sensitisation</b>	Not expected to be a skin sensitizer.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

**SECTION 12 – ECOLOGICAL INFORMATION**

<b>Eco-toxicity Product (as sold)</b>	None available for specific product
<b>Persistence and degradability</b>	Individual components have been specifically included in this product because they are known to be readily biodegradable and of low toxicity to fish and other aquatic organisms.
<b>Bio accumulative potential</b>	None available for specific product.
<b>Mobility in soil</b>	None available for specific product.
<b>Other adverse effects</b>	None available for specific product.
<b>Environmental Protection</b>	Expected to be harmful to aquatic species. Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

<b>Disposal</b>	The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.
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**SECTION 14 – TRANSPORT INFORMATION**

**Labels Required**

<b>NZDG</b>	Not classified as Dangerous Goods.		
<b>IMDG Marine Pollutant</b>	No		
<b>HAZCHEM</b>	None allocated		
<b>Land Transport (NZDG)</b>			
<b>UN Number</b>	none allocated	<b>NZDG Classification</b>	none allocated
<b>Shipping Name</b>	none allocated	<b>NZDG Subsidiary Risk</b>	none allocated
<b>Hazchem Code</b>	none allocated	<b>Packing Group</b>	none allocated
<b>Packaging Method</b>	none allocated	<b>Special Provisions</b>	none allocated
<b>Segregation</b>	none allocated		

**SECTION 15 – REGULATORY INFORMATION**

<b>GHS Classification</b>	This product is classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including NZ EPA.
<b>NZDG Code</b>	This product is <b>NOT classified as Dangerous Goods</b> according to NZS5433:2020
<b>NZIoCs</b>	All ingredients present on NZIoCs.
<b>HSNO</b>	HSR002530

**SECTION 16 – OTHER INFORMATION**

<b>Issue Date</b>	20 February 2023
<b>Version Number</b>	V 6.0 (Regular Review)
<b>Abbreviations and acronyms</b>	<p><b>CAS Number:</b> Chemical Abstracts Service Registry Number.</p> <p><b>EPA:</b> Environmental Protection Agency</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labelling of Chemicals</p> <p><b>HAZCHEM:</b> An emergency action code of numbers and letters which gives information to emergency services.</p> <p><b>IARC:</b> International Agency for Research on Cancer.</p> <p><b>NZIoCs:</b> New Zealand Inventory of Chemicals</p> <p><b>SDS:</b> Safety Data Sheet</p> <p><b>STEL:</b> Short Term Exposure Limit.</p> <p><b>SUSMP:</b> Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p><b>TWA:</b> Time Weighted Average.</p> <p><b>UN Number:</b> United Nations Number.</p>
<b>Literature references</b>	<p>New Zealand Inventory of Chemicals</p> <p>GHS Hazardous Chemical Information List</p> <p>NZ EPA Chemical Classification and Information Database</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>NZS 5433:2020 Transport of dangerous goods on land</p> <p>Safety Data Sheets – individual raw materials – Suppliers</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>



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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.

The SDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date. All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. No expressed or implied warranties nor any responsibility for damages resulting from use of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new SDS to be generated by the re-packer.

**End of SDS**