



## SAFETY DATA SHEET

### “PURA CHOICE” GLASS & SURFACE CLEANER

SECTION 1 – PRODUCT IDENTIFICATION			
Product Name:	“PURA CHOICE” GLASS & SURFACE CLEANER		
Distributor:	Rubbedin Pty Ltd		
Address:	Unit 1/43 Neumann Road Capalaba QLD 4157		
Regular Phone No:	(07) 3245 3255	FAX:	(07) 3245 2554
Emergency Phone No:	0405358685	Email:	<a href="mailto:info@rubbedin.com.au">info@rubbedin.com.au</a>
Substance:	Water based liquid	Product Use:	Cleaning product
Product Code:	65-500 PCG		
This SDS provides information for professional/workplace handling of the product. Consumers using this product in normal domestic/home applications may not require the same level of personal protective equipment (PPE). Please follow the product's label instructions in domestic/home applications.			

SECTION 2 – HAZARDS IDENTIFICATION	
Classification of the substance or mixture	
Poisons Schedule	Not scheduled
Dangerous Goods	Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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. <ul style="list-style-type: none"><li>• <b>Flammable Liquids Category 4</b></li></ul>
Label elements	
GHS label pictograms	None allocated.
Signal word	<b>WARNING</b>
Hazard statement(s)	
H227	Combustible liquid.
Precautionary statement(s): <b>General</b>	
P102	Keep out of reach of children.
P103	Read label before use.
Precautionary statement(s): <b>Prevention</b>	
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P210	Keep away from heat/sparks/open flames/hot surfaces — No smoking.
Precautionary statement(s): <b>Response</b>	
P370+P378	In case of fire: Use carbon dioxide (CO <sub>2</sub> ) fire extinguisher, water fog or alcohol resistant foam or fine water spray to extinguish.
Precautionary statement(s): <b>Storage</b>	
P403+P235	Store in a well-ventilated place. Keep cool.
Precautionary statement(s): <b>Disposal</b>	
P501	Dispose of contents/ container in accordance with local regulations.
Note	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:3 or greater with water, the resulting solution is classified as non-hazardous. However, good hygiene and housekeeping practices should be adhered to.

SECTION 3 – INGREDIENTS		
Ingredients:	CAS Number:	Proportion:
Ethanol	64-17-5	<10% w/w



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D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	<10% w/w
Alkylpolyglycoside C10-16 Lauryl glucoside	110615-47-9	<10% w/w
Ingredients determined to be non-hazardous at the concentrations used	Various	to 100 % w/w

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”, or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) , 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

#### SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

<b>Scheduled Poisons</b>	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 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. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
<b>Aggravated Medical Conditions</b>	None known.

#### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Water/alcohol based. Combustible liquid. Product may flash but not sustain a fire. In use, may form flammable/explosive vapour-air mixture. If involved in a fire will emit toxic fumes
<b>Extinguishing Media</b>	Use carbon dioxide (CO <sub>2</sub> ) fire extinguisher, dry chemical, foam, water fog or fine water spray.
<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>	Ca 60° C – does not support combustion due to water content.

#### 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. Rinse well. 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





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<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 aluminum and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

#### SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Limits</b>	National Occupational Exposure Limits, as published by Safe Work Australia: <b>Time-weighted Average (TWA):</b> None established for specific product. <b>Short Term Exposure Limit (STEL):</b> None established for specific products. Exposure Limits of individual ingredients. <b>Ethanol:</b> TWA: 1000 ppm, 1880 mg/m <sup>3</sup>
<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> 	Generally, not required to handle as per label directions. 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 –wear gloves for sensitive skin. 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 to handle as per label directions.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Colour</b>	Straw
<b>Odour</b>	Fragrant odour	<b>Specific Gravity</b>	0.97 – 0.99 @ 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>	Ca 60°C, does not support combustion	<b>Flammable Limits</b>	Ethanol 3.5 – 19% v/v
<b>Water Solubility</b>	Miscible in all proportions	<b>pH</b>	5.5 – 6.0 neat
<b>Volatile Organic Compounds (VOC)</b>	Ca 3.5 % 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 95 % v/v

#### SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Avoid contact with flames, heat or hot sources.
<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.



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<b>Hazardous Reactions</b>	None known.
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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>	Ingestion of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach. Ethanol content may affect behavior (central nervous system depression, depression) and metabolism.
<b>long term exposure</b>	No information available.
<b>Skin contact</b>	
<b>short term exposure</b>	Not expected to be a skin irritant. Prolonged skin contact with concentrate may cause redness, itching, irritation.
<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>	Eye contact may cause stinging, blurring, tearing, pain.
<b>long term exposure</b>	No information available.
<b>Inhalation</b>	
<b>short term exposure</b>	Inhalation of mists or aerosols may produce mucous membrane and respiratory irritation.
<b>long term exposure</b>	No information available.
<b>Carcinogen Status</b>	
<b>SWA</b>	No significant ingredient is classified as carcinogenic by SWA.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	Alcoholic beverages are classified by the International Agency for Research on Cancer (IARC) as a Group 1 carcinogen (carcinogenic to humans). IARC classifies alcoholic beverage consumption as a cause of female breast, colorectal, larynx, liver, esophagus, oral cavity, and pharynx cancers; and as a probable cause of pancreatic cancer.
<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>Acute Aquatic Toxicity Product (as sold)</b>	Not harmful to aquatic life. LC50 > 100mg/L. Acute Aquatic Toxicity (Calculated) Fish LC50: >100 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS
<b>Acute Aquatic Toxicity Product (rinsed at 1:100)</b>	Not harmful to aquatic life. LC50 > 100mg/L. Acute Aquatic Toxicity (Calculated) Fish LC50: >100 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS
<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>	No bioaccumulation is expected.
<b>Mobility in soil</b>	Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.



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<b>Other adverse effects</b>	None available for specific product.
<b>Environmental Protection</b>	Expected to be harmful to aquatic species due to low pH. 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>	Dispose of material according to Local Authority Regulations or through a licensed waste contractor.
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#### SECTION 14 – TRANSPORT INFORMATION

<b>Labels Required</b>			
<b>ADG</b>	none allocated		
<b>IMDG Marine Pollutant</b>	No		
<b>Land Transport (ADG)</b>			
<b>UN Number</b>	none allocated	<b>ADG Classification</b>	none allocated
<b>Shipping Name</b>	none allocated	<b>ADG Subsidiary Risk</b>	none allocated
<b>Hazchem Code</b>	none allocated	<b>Packing Group</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 Work, Health and Safety regulations, Australia.
<b>SUSMP</b>	This product is <b>NOT classified as a Scheduled Poison</b> according to the SUSMP
<b>ADG Code</b>	This product is <b>NOT classified as Dangerous Goods</b> according to the Australian Dangerous Goods Code.
<b>AICS</b>	All ingredients present on AICS.

#### SECTION 16 – OTHER INFORMATION

<b>Issue Date</b>	17 <sup>th</sup> August 2021
<b>Version Number</b>	V 1.1 First Issue to <b>GHS7</b> .
<b>Abbreviations and acronyms</b>	<p><b>ADG Code:</b> Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p><b>AICS:</b> Australian Inventory of Chemical Substances.</p> <p><b>CAS Number:</b> Chemical Abstracts Service Registry Number.</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>HSIS:</b> Hazardous Substances Information System</p> <p><b>IARC:</b> International Agency for Research on Cancer.</p> <p><b>NOHSC:</b> National Occupational Health and Safety Commission.</p> <p><b>NTP:</b> National Toxicology Program (USA).</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>



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<b>Literature references</b>	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Material Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p> <p>ECHA – European Chemicals Agency.</p>
<p>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.</p> <p>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.</p>	
<b>End of SDS</b>	