

Product Name **CRYSTAL CLEAR****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Supplier Name** CLEAN PLUS CHEMICALS PTY LTD  
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**Synonym(s)** WINDOW CLEANER PREMIUM• PRODUCT CODE – 314

**Use(s)** DETERGENT FOR CLEANING OF ALL GLASS AND SURFACES

**SDS Date** 22 February 2011 v0  
19 April 2011 v1  
3 July 2012 v2

**2. HAZARDS IDENTIFICATION**

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

**UN No.** None Allocated    **DG Class** None Allocated    **Subsidiary Risk(s)** None Allocated  
**Packing Group** None Allocated    **Hazchem Code** None Allocated    **EPG** None Allocated

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	Formula	CAS No.	Content
ISOPROPY ALCOHOL	(CH <sub>3</sub> ) <sub>2</sub> CHOH	67-63-0	10-30%
2-BUTOXYETHANOL	C <sub>6</sub> H <sub>14</sub> O <sub>14</sub>	111-76-2	1-10%
NON HAZARDOUS INGREDIENTS	Not available	Not available	Remainder

**4. FIRST AID MEASURES**

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water for 15 minutes. If symptoms persist seek medical advice.

**Skin** If skin contact occurs, remove contaminated clothing and wash off with water.

**Inhalation** If affected remove to fresh air.

**Ingestion** Do not induce vomiting, give a glass of water to drink. If you feel unwell seek medical advice. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.

**Advice to Doctor** Treat symptomatically

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**5. FIRE FIGHTING MEASURES**

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<b>Flammability</b>	Water based product.
<b>Fire and Explosion</b>	No fire or explosion hazard exists.
<b>Extinguishing</b>	Prevent contamination of drains or waterways.
<b>Hazchem Code</b>	None Allocated

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**6. ACCIDENTAL RELEASE MEASURES**

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<b>Spillage</b>	If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.
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**7. STORAGE AND HANDLING**

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<b>Storage</b>	No special precautions. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use.
<b>Handling</b>	No special handling requirements are necessary.

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**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

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<b>Exposure Stds</b>	No exposure standard(s) allocated.
<b>Biological Limits</b>	No biological limit allocated.
<b>Engineering Controls</b>	Ensure adequate natural ventilation.
<b>PPE</b>	Wear splash-proof goggles and PVC or rubber gloves.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	CLEAR LIQUID	<b>Solubility (Water)</b>	SOLUBLE
<b>Odour</b>	MILD	<b>Specific Gravity</b>	0.97 – 0.98
<b>Ph</b>	7.0 – 7.3	<b>Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NOT DETERMINED
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT DETERMINED
<b>Boiling Point</b>	NOT DETERMINED	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE		

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**10. STABILITY AND REACTIVITY**

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**Chemical Stability** Stable under recommended conditions of storage.

**Conditions to Avoid** None known.

**Material to Avoid** Compatible with most commonly used materials.

**Decomposition** May evolve toxic gas if heated to decomposition.

**Hazardous Reactions** Polymerization is not expected to occur.

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**11. TOXICOLOGICAL INFORMATION**

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**Health Hazard** Low toxicity. No adverse health effects are anticipated with normal use of this product.

**Eye** Due to product form and nature of use, an eye hazard is not anticipated. However, direct contact may result in irritation, lacrimation and conjunctivitis.

**Inhalation** Avoid breathing mist.

**Skin** Low toxicity. Prolonged or repeated contact may result in mild irritation.

**Ingestion** Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

**Toxicity Data** 2-butoxyethanol Oral LD50 Rat:470mg/kg. Skin LD50 Rabbit: 220mg/kg. Inhaled LC50 Rat; 221mg/m<sup>3</sup> (4 hours).

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**12. ECOLOGICAL INFORMATION**

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**Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

**Persistence/ Degradability** This product is readily biodegradable.

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**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal** No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.

**Legislation** Dispose of in accordance with relevant local legislation.

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**14. TRANSPORT INFORMATION**

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**NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE**

<b>Shipping Name</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>UN No.</b>	None allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated
<b>Packing Group</b>	None Allocated				

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**15. REGULATORY INFORMATION**

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**Poison Schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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### Additional Information

#### ABBREVIATIONS:

ADB - Air-Dry Basis.  
BEI - Biological Exposure Indice(s)  
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
CNS - Central Nervous System.  
EINECS - European Inventory of Existing Commercial chemical Substances.  
IARC - International Agency for Research on Cancer.  
M - moles per litre, a unit of concentration.  
mg/m<sup>3</sup> - Milligrams per cubic metre.  
NOS - Not Otherwise Specified.  
NTP - National Toxicology Program.  
OSHA - Occupational Safety and Health Administration.  
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).  
ppm - Parts Per Million.  
RTECS - Registry of Toxic Effects of Chemical Substances.  
TWA/ES - Time Weighted Average or Exposure Standard.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

### End of Report

#### Prepared By

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