

# GREEN NEUTRAL DETERGENT SANITISER

## Safety Data Sheet



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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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Product name: **GREEN NEUTRAL DETERGENT - SANITISER**

**Synonyms**

GREEN NEUTRAL DETERGENT SANITISER

**Product Code**

384

**Recommended use:** Water based mild disinfectant and floor cleaner

**Supplier Name** RJS Products Pty Ltd

**Address** 63 Christina Rd Villawood NSW 2163

**Telephone** 02 9723 2001

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**SDS Date** 22 September 2016 Version 1.1

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### 2. HAZARDS IDENTIFICATION

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NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA

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

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

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### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

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| Ingredient                             | Formula          | CAS No.       | Content   |
|----------------------------------------|------------------|---------------|-----------|
| WATER                                  | H <sub>2</sub> O | 7732-18-5     | >60%      |
| NONIONIC SURFACTANT                    | Not Available    | Not Available | 10-30%    |
| PERFUME                                | Not Available    | Not Available | 1-10%     |
| ALKY DIMETHYL BENZYL AMMONIUM CHLORIDE | Not Available    | 68424-85-1    | 1-10%     |
| NON HAZARDOUS INGREDIENTS              | Not Available    | Not Available | Remainder |

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### 4. FIRST AID MEASURES

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|                   |                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye</b>        | If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.        |
| <b>Skin</b>       | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor. |
| <b>Inhalation</b> | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.                                                                                                                  |
| <b>Ingestion</b>  | For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.                                                                  |

**Advice to Doctor** Treat symptomatically

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## 5. FIRE FIGHTING MEASURES

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|                           |                                                                                                                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammability</b>       | Non flammable. May evolve toxic gases (carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.                                                                                                                                                          |
| <b>Fire and Explosion</b> | Non flammable. Treat as per requirements for Surrounding Fires: Remain upwind & notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas. |
| <b>Extinguishing</b>      | Non flammable. 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>  | Store in cool, dry, well ventilated area, removed from strong oxidising agents (e.g. hypochlorites, peroxides, nitrates), heat sources and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. |
| <b>Handling</b> | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe GOODS personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.                         |

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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**Exposure Stds** No exposure standard(s) allocated.

**Biological Limits** No biological limit allocated.

**Engineering Controls** Ensure adequate natural ventilation.

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**PPE** Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                         |                               |                              |                |
|-------------------------|-------------------------------|------------------------------|----------------|
| <b>Appearance</b>       | GREEN SLIGHTLY VISCOUS LIQUID | <b>Solubility (Water)</b>    | SOLUBLE        |
| <b>Odour</b>            | SHARP LEMON ODOUR             | <b>Specific Gravity</b>      | 1.04 – 1.06    |
| <b>Ph</b>               | 7.0 - 8.0                     | <b>Volatiles</b>             | > 60 % (Water) |
| <b>Vapour Pressure</b>  | NOT RELEVANT                  | <b>Flammability</b>          | NON FLAMMABLE  |
| <b>Vapour Density</b>   | NOT AVAILABLE                 | <b>Flash Point</b>           | NOT RELEVANT   |
| <b>Boiling Point</b>    | 100°C (Approximately)         | <b>Upper Explosion Limit</b> | NOT RELEVANT   |
| <b>Melting Point</b>    | < 0°C                         | <b>Lower Explosion Limit</b> | NOT RELEVANT   |
| <b>Evaporation Rate</b> | AS FOR WATER                  |                              |                |

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### 10. STABILITY AND REACTIVITY

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|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical Stability</b>  | Stable under recommended conditions of storage.                                                                                 |
| <b>Conditions to Avoid</b> | Avoid heat, sparks, open flames and other ignition sources.                                                                     |
| <b>Material to Avoid</b>   | Incompatible with oxidising agents (e.g. hypochlorites, peroxides), anionic detergents (e.g. soaps), heat and ignition sources. |
| <b>Decomposition</b>       | May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.                |
| <b>Hazardous Reactions</b> | Polymerization will not occur.                                                                                                  |

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### 11. TOXICOLOGICAL INFORMATION

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|                      |                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Health Hazard</b> | Low irritant - low toxicity. This product has the potential to cause acute and chronic health effects with over exposure. Upon dilution, the potential for adverse health effects will be reduced markedly. Potential sensitising agent, although such cases are uncommon. Those individuals with pre-existing skin, eye or respiratory allergies may be more susceptible to adverse effects. |
| <b>Eye</b>           | Irritant. Contact may result in irritation, lacrimation, pain and redness.                                                                                                                                                                                                                                                                                                                    |
| <b>Inhalation</b>    | Low irritant. Over exposure to vapours/mists may result in respiratory irritation, nausea, and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure, an inhalation hazard is not anticipated, unless sprayed.                                                                                    |
| <b>Skin</b>          | Low irritant. Prolonged or repeated contact may result in mild irritation. Potential sensitising agent.                                                                                                                                                                                                                                                                                       |
| <b>Ingestion</b>     | Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.                                                                                                                                                                                                                                                                                   |

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**Toxicity Data** ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68424-85-1)  
LD50 (Ingestion): 426 mg/kg (rat)  
LD50 (Intraperitoneal): 100 mg/kg (rat)

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## 12. ECOLOGICAL INFORMATION

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**Environment** Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2 ppm.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

**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 Indices(s)  
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
CNS - Central Nervous System.  
EINECS - European Inventory of Existing Commercial Substances.  
GHS - Globally Harmonized System  
IARC - International Agency for Research on Cancer.  
M - moles per litre, a unit of concentration.  
mg/m<sup>3</sup> - Milligrams per cubic meter.  
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).

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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 directly. 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.