

Product Name **TOP CELLAR**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name RJS PRODUCTS PTY LTD
Address 63 Christina Road VILLAWOOD NSW 2163
Telephone 02 9723 2001
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Emergency 1800 201 700
Email admin@rjsproducts.com.au
Webstie www.rjsproducts.com.au
Synonym(s) GENERAL DETERGENT SANITISER • PRODUCT CODE - 805
Use(s) Cleaning and sanitizing floors, walls and most surfaces in the cellar and food plant.
SDS Date 24 February 2010 v1
 5 July 2012 v2

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA
RISK PHRASES

R36/38 Irritating to skin and eyes

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S37/39 Wear suitable gloves and eye/face protection
 S45 In case of an accident or if you feel unwell, seek medical advice (show the label whenever possible)

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
POTASSIUM HYDROXIDE	KOH	1310-58-3	1-10%
SODIUM METASILICATE	Not Available	6834-92-0	1-10%
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	Not Available	68424-85-1	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. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.
- Skin** 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.
- Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
- Ingestion** 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

5. FIRE FIGHTING MEASURES

- Flammability** Non flammable. May evolve toxic gases (carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.
- Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Toxic gases (carbon/ nitrogen oxides, ammonia, hydrocarbons, chlorides) may be evolved when heated. 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.
- Extinguishing** Non flammable. Prevent contamination of drains or waterways.
- Hazchem Code** None Allocated

6. ACCIDENTAL RELEASE MEASURES

- Spillage** 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.

7. STORAGE AND HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from strong oxidising agents (eg. hypochlorites, peroxides, nitrates), anionic detergents (eg. soaps), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
- Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds No exposure standard(s) allocated.

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR THIN LIQUID	Solubility (Water)	SOLUBLE
Odour	NO ODOUR	Specific Gravity	1.09 – 1.10
Ph (1% Solution)	10.0-11.5	Volatiles	> 60 % (Water)
Vapour Pressure	18 mm Hg @ 20°C (Water)	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C (Approximately)	Upper Explosion Limit	NOT RELEVANT
Melting Point	< 0°C	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	AS FOR WATER		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Health Hazard	Irritant - 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 sensitizing agent, although such cases are uncommon. Those individuals with pre-existing skin, eye or respiratory allergies may be more susceptible to adverse effects.
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	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.
Skin	Irritant. Prolonged or repeated contact may result in mild irritation. Potential sensitising agent.
Ingestion	Toxic. Ingestion may lead to oesophageal or gastric perforation . May lead to laryngeal oedema
Toxicity Data	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68424-85-1) LD50 (Ingestion): 426 mg/kg (rat) LD50 (Intraperitoneal): 100 mg/kg (rat)

12. ECOLOGICAL INFORMATION

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

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.

14. TRANSPORT INFORMATION

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

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

15. REGULATORY INFORMATION

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).

16. OTHER INFORMATION

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 chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - 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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