

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

**Revision Date** 10<sup>th</sup> August 2010  
**Product Name** BOWL FRESH  
**Other Names** Nil  
**Uses** Toilet Bowl and Urinal cleaner

### Contact Information

**Organisation** Windsor Cleaning Solutions  
**Location** 25 Leslie Street, Eaglehawk, Vic. 3556.  
**Telephone** Ph: 03 5446 8320 Mob: 0417 157 044  
**Ask For** Bill Lesuey  
**Poisons Information Centre** Ph: 131126 Australia Wide

## 2. HAZARD IDENTIFICATION

Non hazardous according to criteria of NOHSC/ASCC.

**Risk Phrases** R36/38 Irritating to eyes, respiratory system and skin.

**Safety Phrases**

S1/2 Keep locked up and out of the reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27 Take off immediately all contaminated clothing.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical Advice immediately (show the label where possible).

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Chemical Entity  | CAS Number | Proportions (%) |
|-------------|--|------------|-----------------|
|             | Alkyldimethylbenzylammonium chloride   | 7732-18-5  | < 10%           |
|             | Sulphamic acid   | 5329-14-6  | < 10%           |
|             | Other ingredients determined to be non hazardous according to Worksafe Australia |            |                 |

### 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

|                         |  |
|-------------------------|--|
| <b>Swallowed</b>        | Immediately rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek immediate medical assistance.  |
| <b>Eye</b>              | Immediately irrigate with copious quantities of water for at least 15 minutes holding eyelids open. Take care not to wash contaminated water into the non-affected eye. Seek IMMEDIATE medical attention.            |
| <b>Skin</b>             | Immediately wash contaminated skin with lukewarm water for at least 30 minutes. Under running water, remove contaminated clothing. Completely decontaminate clothing before reuse. Seek immediate medical attention. |
| <b>Inhaled</b>          | Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.  |
| <b>Advice to Doctor</b> | Treat symptomatically based on individual reactions of patient and judgement of doctor. Note: For advice in an emergency, contact a Poisons Information Centre (Australia 13-11-26 or New Zealand 0800-764-766).     |

#### Aggravated medical conditions caused by exposure

Repeated or prolonged skin contact may cause chronic contact dermatitis.

### 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Extinguishing Media</b>  | In case of fire, appropriate extinguishing media include water spray, fog or mist, foam, carbon dioxide, or dry chemical powder.  |
| <b>Hazards from Combustion Products</b>                               | Non-combustible liquid. Will not burn, or support combustion. However, reaction with incompatible materials can generate sufficient heat to ignite nearby combustible materials. Incompatible with strong oxidising agents, strong acids, metals such as aluminium, tin and zinc, peroxides, reducing agents, metal salts, and sources of ignition. |
| <b>Special Protective Precautions and Equipment for Fire Fighters</b> | Fire fighters should wear a positive-pressure self contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind, Keep out of low areas. Eliminate ignition sources.                                    |

**Flammability Conditions** Product is a non-flammable liquid.

Additional Information

**Hazchem Code** Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Evacuate all unnecessary personnel. Increase ventilation. Stop leak if safe to do so. Avoid walking through spilled product as it may be slippery. DO NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

**Methods and Materials for Containment and Clean Up** Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. Collect material and transfer to suitable, labelled, dry, sealable chemical-waste containers and dispose of promptly as hazardous waste.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale fumes. When diluting the solution add material to water.

**Conditions for Safe Storage (Including Any Incompatibles)** Store in a cool dry well ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials including strong oxidizers, strong acids and peroxides.

**Container Type** Use plastic containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Name**

**STEL mg/m3 ppm**

**TWA mg/m3 ppm**

**TWA Footnote**

**Standards**

**Biological Limit Values** No information available on biological limit values for this product.

|                             |  |
|-----------------------------|--|
| <b>Engineering Controls</b> | Use in well ventilated area.   |
| <b>Personal Protection</b>  | EYES: Protective goggles to prevent eye contamination.<br>HANDS: Protective PVC gloves.<br>CLOTHING: Chemical resistant coveralls and safety footwear. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                         |
|---|-------------------------|
| <b>Appearance</b>                       | Clear blue thin liquid. |
| <b>Formula</b>                          |                         |
| <b>Odour</b>                            | Slight floral odour     |
| <b>Vapour Pressure</b>                  | Not applicable          |
| <b>Vapour Density</b>                   | Not applicable          |
| <b>Boiling Point</b>                    | Not applicable          |
| <b>Melting Point</b>                    | Not applicable          |
| <b>Solubility in Water</b>              | Fully soluble           |
| <b>Specific Gravity</b>                 | 1                       |
| <b>Flash Point</b>                      | Not applicable          |
| <b>pH</b>                               | 2                       |
| <b>Lower Explosion Limit</b>            | Not applicable          |
| <b>Upper Explosion Limit</b>            | Not applicable          |
| <b>Ignition Temperature</b>             | Not applicable          |
| <b>Specific Heat Value</b>              | Not applicable          |
| <b>Particle Size</b>                    | Not applicable          |
| <b>Volatile Organic Compounds (VOC)</b> | Not applicable          |
| <b>Content</b>                          |                         |
| <b>Evaporation Rate</b>                 | Not applicable          |
| <b>Viscosity</b>                        | Not applicable          |
| <b>Percent Volatile</b>                 | Not applicable          |

**Octanol/Water  
partition coefficient** Not applicable

**Saturated Vapour  
Concentration** Not applicable

**Additional  
Characteristics** Nil

**Flame Propagation/  
Burning Rate of  
Solid Materials** Not applicable

**Properties of Materials  
That May Initiate or  
Contribute to Fire  
Intensity** Not applicable

**Potential for Dust  
Explosion** Not applicable

**Reactions that Release  
Flammable Gases**

**Fast or Intensely  
Burning Characteristics**

**Non-flammables That  
Could Contribute Unusual  
Hazards to a fire**

**Release of Invisible  
Flammable Vapours  
and Gases**

**Decomposition Temperature**

**Additional Information**

## 10. STABILITY AND REACTIVITY

|                               |   |
|-------------------------------|---|
| <b>Chemical Stability</b>     | Product is stable under normal conditions of use , storage and temperature. |
| <b>Conditions to Avoid</b>    | Avoid direct sunlight and store in a dry area.                              |
| <b>Incompatible Materials</b> | Incompatible with strong acids, strong oxidising agents and peroxides.      |

### Hazardous Decomposition Products

### Hazardous Reactions

## 11. TOXICOLOGICAL INFORMATION

|                      |  |
|----------------------|--|
| <b>Toxicity Data</b> | Not available for this product.  |
| <b>Swallowed</b>     | Should ingestion occur, severe pain, burning of the mouth, throat and oesophagus, vomiting and diarrhoea.  |
| <b>Eye</b>           | Exposure to concentrate may lead to irritation characterized by redness, watering and itching. Avoid contact with eyes.                            |
| <b>Skin</b>          | Principle root of exposure is usually by skin contact. Irritation to the skin on contact. Repeated or prolonged skin contact may cause dermatitis. |
| <b>Inhaled</b>       | Risk is low if product is used as directed.  |

## 12. ECOLOGICAL INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | No data available.                                 |
| <b>Persistence and Degradability</b> | No data available.<br>Completely soluble in water. |
| <b>Mobility</b>                      |  |
| <b>Enviromental Fate (Exposure)</b>  | No data available.                                 |
| <b>Bioaccumulative Potential</b>     |  |

**13. DISPOSAL CONSIDERATIONS**

|  |  |
|--|--|
| <b>Disposal</b>  | Dispose of in accordance with all local, state and federal regulations.  |
| <b>Special Precautions for Land Fill or Incineration</b> | Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with The Hazardous Waste Act. |

**14. TRANSPORT INFORMATION****LAND TRANSPORT**

|                              |                |
|------------------------------|----------------|
| <b>UN Number</b>             | 2967           |
| <b>Shipping Name</b>         |                |
| <b>Dangerous Goods Class</b> | Not applicable |
| <b>Subsidiary Risk</b>       |                |
| <b>Pack Group</b>            |                |
| <b>Precaution for User</b>   |                |
| <b>Hazchem Code</b>          | 2X             |

**15. REGULATORY INFORMATION**

|                                   |  |
|-----------------------------------|--|
| <b>Poisons Schedule</b>           |  |
| <b>EPG</b>                        |  |
| <b>AICS Name</b>                  |  |
| <b>NZ Toxic Substance</b>         |  |
| <b>HSNO Hazard Classification</b> |  |
| <b>ERMA Approval Code</b>         |  |

**16. OTHER INFORMATION**