

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Food Industry Disinfectant

**Recommended Use:** Concentrated cleaner for industrial kitchen environments

**Supplier:** Big Bubble  
**ABN:** 42 719 707 618

**Street Address:** 18 Elliott Street  
Midvale  
Western Australia

**Telephone Number:** +61 08 9274 1992

**Poisons Information Centre:** 131 126 Australia

## 2. HAZARDS IDENTIFICATION

**Road and Rail;** Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; DANGEROUS GOODS.

### Globally Harmonised System

#### Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

**Hazard Categories** Skin corrosion / irritation – Category 1  
Serious eye damage / irritation – Category 1

#### Pictogram



**Name of pictogram** Corrosion

**Signal Word** Danger

**Hazard Statements** H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

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## Precautionary Statement

### General

**P101** If medical advice is needed, have product container or label at hand.  
**P102** Keep out of reach of children.  
**P103** Read label before use.

### Prevention

**P260** Do not breathe mist/vapours/spray.  
**P264** Wash all exposed external body areas thoroughly after handling.  
**P270** Do not eat, drink, or smoke when using this product.  
**P271** Use only outdoors or in a well-ventilated place.  
**P273** Avoid release to the environment.  
**P280** Wear protective gloves/eye protection/face protection.

### Response

**P301 + P330 + P331 + P312** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE/doctor/physician/first aider if you feel unwell.  
**P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
**P304 + P340** IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  
**P305 + P351 + P338** IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
**P310** Immediately call a POISON CENTRE or doctor.  
**P337 + P313** If eye irritation persists: Get medical advice.  
**P363** Wash contaminated clothing before reuse.  
**P390** Absorb spillage to prevent material damage.

### Storage

**P403 + P233** Store in a well-ventilated place. Keep container tightly closed.  
**P405** Store locked up.  
**P406** Store in a corrosive resistant container with a resistant inner liner.

### Disposal

**P501** Dispose of contents / container in accordance with local / regional / national / international regulations.

### Poisons Schedule:

Schedule 5

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components                                   | CAS Number | Proportion |
|----------------------------------------------|------------|------------|
| Alcohols C12-14 ethoxylated                  | 68439-50-9 | 1 – 10%    |
| Benzyl C12-16-alkyldimethylammonium chloride | 68424-85-1 | 1 – 5%     |
| Sodium hydroxide                             | 1310-73-2  | 1 – 5%     |
| Sodium metasilicate, pentahydrate            | 10213-79-3 | 1 – 5%     |
| Sodium tripolyphosphate                      | 7758-29-4  | 1 – 5%     |
| Ethanol                                      | 64-17-5    | <1%        |
| Ingredients determined not to be hazardous   |            | Balance %  |

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## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ingestion:</b>                               | IF SWALLOWED: Rinse mouth, then drink plenty of water. Do not induce vomiting. Get medical advice/attention if you feel unwell. If vomiting occurs, lean patient forward or place on left side (head down position, if possible) to maintain open airway and prevent aspiration. Immediately call a Poison Centre or doctor / physician for advice. Never give anything by mouth to an unconscious person.                                                     |
| <b>Eye Contact:</b>                             | IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention. Can cause corneal burns – Transport to hospital or doctor without delay!                                                                               |
| <b>Skin Contact:</b>                            | IF ON SKIN (or hair): Remove and isolate contaminated clothing and shoes. Immediately flush skin and hair with running water for at least 15 minutes. Immediately call a Poison Centre or doctor/physician for advice. Wash contaminated clothing and shoes before reuse.                                                                                                                                                                                      |
| <b>Inhalation:</b>                              | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Give artificial respiration if victim is not breathing with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not use mouth-to-mouth respiration if victim ingested or inhaled the substance. Administer oxygen if breathing is difficult. |
| <b>Medical attention and special treatment:</b> | Treat symptomatically and supportively. Keep victim calm and warm. Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.                                                                                                                                                                                                                                                                                                   |

## 5. FIRE FIGHTING MEASURES

|                                      |                                                                                                                                                                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>                       | If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Dike-fire control water for later disposal.                                                                                    |
| <b>Flammability Conditions</b>       | Non-combustible; Not considered a significant fire risk, however containers may burn.                                                                                                                                                                     |
| <b>Suitable Extinguishing Media:</b> | If material is involved in a fire, use dry chemical, Carbon dioxide (CO <sub>2</sub> ), foam or water spray for extinction. Use extinguishing media suitable for surrounding area. Do not use water jet as an extinguisher, as this will spread the fire. |
| <b>Fire and Explosion Hazards</b>    | Decomposes on heating, emitting toxic fumes. Containers may explode when heated.                                                                                                                                                                          |

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|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products:</b>                                  | Fire/decomposition may produce irritating, corrosive and/or toxic gases, including oxides of metals, Sodium, Nitrogen and Phosphorous.                                                                                                                              |
| <b>Precautions for fire fighters and special protective equipment:</b> | Contain runoff from fire control or dilution water – Runoff may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. |
| <b>Auto Ignition temperature:</b>                                      | No Data Available                                                                                                                                                                                                                                                   |
| <b>Decomposition Temperature:</b>                                      | No Data Available                                                                                                                                                                                                                                                   |
| <b>Flammability:</b>                                                   | No Data Available                                                                                                                                                                                                                                                   |
| <b>Flash Point:</b>                                                    | No Data Available                                                                                                                                                                                                                                                   |

## 6. ACCIDENTAL RELEASE MEASURES

|                                                            |                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions:</b>                               | Ensure adequate ventilation. Remove all ignition sources. Do not touch or walk through spilled material. Clean up spills immediately! Avoid breathing mists and contact with eyes, skin, and clothing.                                                                                                   |
| <b>Protective equipment:</b>                               | Use personal protective equipment as required (see SECTION 8).                                                                                                                                                                                                                                           |
| <b>Emergency procedures:</b>                               | Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.                                                                                                                                                                                   |
| <b>Environmental Precautions:</b>                          | Prevent entry into drains and waterways. If contamination of drains or waterways occurs, advice Emergency Services.                                                                                                                                                                                      |
| <b>Methods and materials for Containment and clean up:</b> | Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements, or confined areas. Absorb with sand, earth, inert material, or vermiculate. Sweep or vacuum into a suitable container for disposal. Wash area down with large amounts of water and prevent runoff into drains. |

## 7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

|                                       |                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conditions for safe storage:</b>   | Keep in the original container. Check all containers are labelled and free from leaks. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Protect containers against physical damage and check regularly for leaks. Keep away from foodstuffs and incompatible materials (see SECTION 10). Store locked up.       |
| <b>Precautions for safe handling:</b> | Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation – Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mists and contact with eyes, skin, and clothing. Do not |

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ingest. Use personal protective equipment as required (see SECTION 8).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                                      |                                                                                                                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exposure control measures:</b>    | Sodium hydroxide:<br><br>Safe Work Australia Exposure Standard: TWA = 2 mg/m <sup>3</sup> peak limitation                                                                                                                                                                              |
| <b>Biological Monitoring</b>         | No information available.                                                                                                                                                                                                                                                              |
| <b>Engineering Controls</b>          | A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. |
| <b>Personal Protective Equipment</b> |                                                                                                                                                                                                                                                                                        |
| <b>Eye and Face</b>                  | Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses with shields or chemical goggles. Full face shield may be required for supplementary protection, but never for primary protection of eyes.                                                           |
| <b>Skin</b>                          | Handle with gloves. Recommended: Impervious gloves. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, safety shoes, PVC apron.                                                                                                               |
| <b>Respiratory</b>                   | In case of inadequate ventilation, wear respiratory protection. Recommended: Type AP Filter of sufficient capacity (refer to AS/NZS 1715 & 1716).                                                                                                                                      |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Physical state:</b>            | Liquid              |
| <b>Colour:</b>                    | Dark pink           |
| <b>Odour:</b>                     | Eucalyptus          |
| <b>pH:</b>                        | >12.5               |
| <b>Solubility:</b>                | Miscible with water |
| <b>Auto Ignition temperature:</b> | No Data Available   |
| <b>Decomposition Temperature:</b> | No Data Available   |
| <b>Evaporation Rate:</b>          | No Data Available   |
| <b>Flammability:</b>              | No Data Available   |

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|                                                         |                   |
|---------------------------------------------------------|-------------------|
| <b>Flash Point:</b>                                     | No Data Available |
| <b>Boiling Point:</b>                                   | No Data Available |
| <b>Melting/Freezing Point:</b>                          | No Data Available |
| <b>Freezing Point</b>                                   | No Data Available |
| <b>Odour Threshold:</b>                                 | No Data Available |
| <b>Partition coefficient: n-octanol/water</b>           | No Data Available |
| <b>Relative Density:</b>                                | No Data Available |
| <b>Upper Flammability Limit</b>                         | No Data Available |
| <b>Lower Flammability Limit:</b>                        | No Data Available |
| <b>Explosive limits:</b>                                | No Data Available |
| <b>Vapour density:</b>                                  | No Data Available |
| <b>Vapour pressure;</b>                                 | No Data Available |
| <b>Viscosity:</b>                                       | No Data Available |
| <b>Biopersistence:</b>                                  | No Data Available |
| <b>Crystallinity:</b>                                   | No Data Available |
| <b>Dustiness:</b>                                       | No Data Available |
| <b>Particle size:</b>                                   | No Data Available |
| <b>Redox potential:</b>                                 | No Data Available |
| <b>Release of invisible flammable vapours and gases</b> | No Data Available |
| <b>Saturated Vapour Concentration</b>                   | No Data Available |

## 10. STABILITY AND REACTIVITY

|                                          |                                                                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical stability:</b>               | Stable under recommended storage conditions.                                                                                           |
| <b>Conditions to avoid:</b>              | Avoid exposure to incompatible materials, heat and sources of ignition.                                                                |
| <b>Incompatible materials:</b>           | Incompatible/reactive with oxidising agents, reducing agents, acids, aluminium, tin, zinc, copper and their alloys.                    |
| <b>Hazardous decomposition products:</b> | Fire/decomposition may produce irritating, corrosive and/or toxic gases, including oxides of metals, Sodium, Nitrogen and Phosphorous. |

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**Hazardous reactions or Polymerisation:**

Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

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>       | Accidental ingestion of the material may be damaging to the health of the individual. Ingestion of large quantities may cause osmotic catharsis resulting in diarrhoea and probable abdominal cramps. |
| <b>Eye contact:</b>     | Corrosive, causes serious eye damage. Symptoms include redness, pain, blurred vision, severe burns.                                                                                                   |
| <b>Skin contact:</b>    | Corrosive, causes severe skin burns. Symptoms include redness, pain, burns, blisters.                                                                                                                 |
| <b>Inhalation:</b>      | The material may produce respiratory tract irritation. Symptoms of pulmonary irritation may include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and a burning sensation.   |
| <b>Acute Toxicity:</b>  | <p>Benzyl C12-16-alkyldimethylammonium chloride:<br/>LD50, Rat (Oral): ~358 mg/kg<br/>LD50, Rabbit (Dermal): 1490 mg/kg</p> <p>Sodium metasilicate, pentahydrate:<br/>LD50, Rat (Oral): 847 mg/kg</p> |
| <b>Carcinogenicity:</b> | Not expected to be carcinogenic.                                                                                                                                                                      |
| <b>Mutagenicity:</b>    | Not expected to be mutagenic.                                                                                                                                                                         |
| <b>Reproductive:</b>    | Not expected to impair fertility.                                                                                                                                                                     |

## 12. ECOLOGICAL INFORMATION

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity:</b> | <p>Benzyl C12-16-alkyldimethylammonium chloride:<br/>EC50, algae/aquatic plants: 0.014 mg/L (72 h) [Supplier's SDS]<br/>EC50, crustacea: 0.016 mg/L (48 h) [Supplier's SDS]<br/>LC50, fish: 2.256 mg/L (96 h) [Supplier's SDS]</p> <p>Sodium hydroxide:<br/>LC50, fish: ~35 – 189 mg/L [Supplier's SDS]</p> <p>Sodium metasilicate, pentahydrate:<br/>EC50, crustacea: 22.94 – 49.01 mg/L (48 h) [Supplier's SDS]</p> <p>Sodium tripolyphosphate:<br/>EC50, algae/aquatic plants: 69.2 mg/L (96 h) [Supplier's SDS]</p> |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail; DANGEROUS GOODS.

**UN number:** 1760  
**Proper shipping name;** CORROSIVE LIQUID, N.O.S. (CONTAINING SODIUM HYDROXIDE AND BENZYL C12-16-ALKYLDIMETHYLAMMONIUM CHLORIDE)  
**DG Class** 8  
**Packing group** III  
**Hazchem** 2X

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**UN number:** 1760  
**Proper shipping name;** CORROSIVE LIQUID, N.O.S. (CONTAINING SODIUM HYDROXIDE AND BENZYL C12-16-ALKYLDIMETHYLAMMONIUM CHLORIDE)  
**DG Class** 8  
**Packing group** III  
**Hazchem** 2X

### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

**UN number:** 1760  
**Proper shipping name;** CORROSIVE LIQUID, N.O.S. (CONTAINING SODIUM HYDROXIDE AND BENZYL C12-16-ALKYLDIMETHYLAMMONIUM CHLORIDE)  
**DG Class** 8  
**Packing group** III  
**Hazchem** 2X



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## 15. REGULATORY INFORMATION

**Poisons Schedule:** Schedule 5

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.

## 16. OTHER INFORMATION

Revision date: 09/07/2026

Reason for issue: Update SDS

This material safety data sheet has been prepared by Midland Chemicals.

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.