

1. Identification

Product Identifier: Food Industry Disinfectant

Other means of identification: Big Bubble Food Industry Disinfectant.

Recommended use of the chemical and restrictions on use: Concentrated cleaner for use in butcher shops and food processing plants. For the cleaning of protein, dirt, grime, grease, fat and blood from equipment and floors. No information for uses advised against.

Details of manufacturer or importer:

Supplier: Big Bubble
ABN No: 51 290 656 636
Street Address: 18 Elliott Street,
Midvale, WA, 6056,
Australia.
Telephone: +61 8 9274 1992
Web Address: www.bigbubble.com.au

Emergency telephone number: 000 (Available 24 hours)

2. Hazards Identification

Classification of the substance or mixture: This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP), the Globally Harmonised System of Classification, Labelling and Packaging and Safe Work Australia.

Skin Corrosion/Irritation – Category 1B

Serious Eye Damage/Irritation – Category 1

Acute Hazard to the Aquatic Environment – Category 2 (M-Factor = 1)

Chronic Hazard to the Aquatic Environment – Category 2 (M Factor = 1)

Label elements/pictogram:



Signal Word:

Danger

Hazard Statements:

H314: Causes severe skin burns and eye damage.
H411: Toxic to aquatic life with long lasting effects
EUH208 Contains: Eucalyptus oil. May produce an allergic reaction

Prevention Precautionary Statements:

P102: Keep out of reach of children.
P103: Read label before use.
P260: Do not breathe fume, gas, mist, vapours or spray.
P264: Wash hands, face and all exposed skin thoroughly after handling.
P272: Avoid release to the environment.
P280: Wear protective clothing, gloves, eye/face protection and a suitable respirator.

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Response Precautionary Statements:

- P101: If medical advice is needed, have the product container or label at hand.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTRE or doctor/physician.

Storage Precautionary Statements:

- P405: Store locked up.

Disposal Statements:

- P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Poison Schedule: S5 CAUTION

3. Composition/Information on Ingredients

Chemical Identity	CAS No.	EC No.	Concentration of Ingredients (% w/w)
Sodium hydroxide	1310-73-2	215-185-5	1 - 10%
Sodium metasilicate, pentahydrate	10213-79-3	-	1 - 10%
Benzalkonium chloride	68424-85-1	939-253-5	1 - 10%
Alcohols C12-C14, ethoxylated	68439-50-9	931-014-3	1 - 10%
Eucalyptus oil	92502-70-0	296-357-7	< 1%
Non-Hazardous	-	-	Balance

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

4. First Aid Measures

Description of necessary first aid measures: For advice, contact a Poisons Information Centre (eg. Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once.

Ingestion: If swallowed, immediately rinse mouth with water. Do NOT induce vomiting. If vomiting occurs, give further water. Contact a Poisons information Centre or doctor for advice.

Skin Contact: If spilt on large areas of skin or hair, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water, until advised to stop by a Poisons Information Centre or a doctor. Burns may be covered with a clean, dry gauze dressing. Transport to hospital or a medical centre.

Inhalation: If inhaled, remove from contaminated area into fresh air. Remove contaminated clothing. Allow patient to assume a comfortable position. Keep warm and at rest until fully recovered. If symptoms develop seek medical advice.

Eye Contact: If in eyes, hold eyelids apart and immediately flush the eye continuously with running water. Remove contact lenses if present, and safe to do so. Continue flushing until advised to stop by a Poisons Information Centre or a doctor. Transport to hospital or a medical centre.

Symptoms caused by exposure: Refer to Section 11 for Toxicological Information

Medical attention and special treatment: Treat symptomatically. Can cause corneal burns.

5. Fire Fighting Measures

Hazchem Code: 2X

Suitable extinguishing equipment: Water fog, fine water spray, foam, dry chemical powder or carbon dioxide.

Specific hazards arising from the chemical: Non-combustible liquid.

Special protective equipment and precautions for fire fighters: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Clear area of all unprotected personnel. Stop the source of the leak, if safe to do so. Clean up immediately. Work up wind or increase ventilation. Contain – prevent runoff into drains and waterways. Cover drains if necessary. Avoid contact with eyes, skin and clothing. Avoid breathing vapour. Wear protective equipment to prevent skin and eye contact and the inhalation of vapour.

Environmental precautions: If contamination of crops, sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Large spills

Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in sealable containers or drums for disposal. Clean contaminated area and objects with plenty of water and detergent. Contain and absorb wash water for disposal.

Small spills

Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in a sealable container for disposal. Clean contaminated area and objects with plenty of water and detergent.

7. Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapour or spray mist. Use only in well ventilated areas. Wear protective clothing when mixing or using. Wash hands thoroughly after use.

Conditions for safe storage, including any incompatibilities: Store in a dry, clean, cool, well ventilated place away from sunlight. Store in the original, labelled container, upright and away from oxidising agents. Check regularly for leakage.

Keep out of reach of children. This product is a schedule 5 poison and must be stored and handled in accordance with the recommendations of the Standard for the Uniform Scheduling of Medicines and Poisons.

This material is classified as a Dangerous Good Class 8 Corrosive as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. Exposure Controls/Personal Protection

Control parameters

Exposure standards: No workplace exposure standard has been assigned for this specific material by Safe Work Australia; however for the constituents:

SODIUM HYDROXIDE – Peak Limitation = 2 mg/m³

As published by Safe Work Australia in Workplace Exposure Standards for Airborne Contaminants.

Peak limitation means a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

Exposure standards represent airborne concentrations of individual substances which, according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. Exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contaminants should be kept to as low a level that is practical. These exposure standards should not be used to define a line between a safe and dangerous concentration of a chemical. They are not a measure of relative toxicity.

Biological monitoring: No biological monitoring required.

Appropriate engineering controls: Ensure ventilation is adequate to ensure that air concentrations of components are controlled below listed workplace exposure standard. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

Personal protective equipment:

Manufacturing, Packaging and Transport: Personal protective equipment should be used only when other control measures (eg. elimination, substitution, isolation and engineering controls) have been found to be impracticable or in conjunction with one or more control measures. When needed, wear gloves, goggles, apron (or coveralls), rubber boots and face mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. If inhalation risk exists, wear air purifying respirator meeting the requirements of AS/NZS 1715 AS/NZS 1716 (Australian/New Zealand Standard™ respiratory protective devices). Wash contaminated clothing and protective equipment before storing or re-using.



Recommendations for consumer use: Wear safety glasses and gloves. Avoid inhaling vapour. Wash hands after use.

9. Physical and Chemical Properties

Appearance/odour:	Clear, pink liquid with a eucalyptus odour.
Solubility:	Soluble in water.
Odour threshold	Not available.
pH:	11.7 (1% solution)
Specific gravity/density:	1.1
Melting point:	Not applicable.
Initial boiling point:	Not available.
Boiling point range:	>100°C
Flash point:	Not applicable.
Evaporation rate:	Not available.
Flammability:	Not applicable.
Flammability limits:	Not applicable.
Vapour pressure	Not available.
Rel. vap. Density, air=1:	Not available.
Partition co-efficient:	Partitions into water.
Autoignition Temp:	Not applicable
Decomposition Temp:	Not applicable
Viscosity:	Not available.

Reference¹

10. Stability and Reactivity

Reactivity/Incompatible materials: Reacts with oxidising agents.

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Avoid contact with foodstuffs. Avoid extremes of temperature and direct sunlight. Avoid contact with incompatible materials.

Possibility of hazardous reactions: No hazardous reactions when stored and handled within normal conditions of use.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. Toxicological Information

No adverse 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:

Acute Toxicity

Ingestion: Swallowing can result in nausea, vomiting, abdominal pain and burns to the gastrointestinal tract. If burns to the gastrointestinal tract develop, swelling of the larynx, and subsequent suffocation, perforation of the gastrointestinal tract, coma and cardiovascular collapse may result.

Skin contact: Product is not expected to be absorbed through the skin.

Inhalation: Inhalation of vapour and mists will result in corrosive effects, which may include lesions to the nasal septum, pulmonary oedema, pneumonitis and emphysema. At elevated temperatures, the probability and severity of these corrosive effects are increased.

Corrosion/Irritation

Skin Contact: Corrosive to skin - may cause skin burns.

Eye contact: Corrosive to eyes. Can cause corneal burns that may result in permanent injury.

Respiratory and skin sensitisation

Not expected to cause respiratory sensitisation. May cause skin sensitisation in sensitive individuals.

Other toxic effects

There is no available data for the product, that it may be a germ cell mutagen and cause heritable genetic damage.

There is no available data for the product that it may be carcinogenic and cause cancer.

There is no available data for the product, that it may be a reproductive toxicant and may impair fertility or cause irreversible effects in the offspring.

This product will cause respiratory irritation if mists or vapour are inhaled, following a single exposure.

There is no available data for the product, that it causes specific organ toxicity following repeated exposure.

This product is not expected to present an aspiration hazard.

12. Ecological Information

Ecotoxicity: Avoid contaminating waterways.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: Not dangerous to the ozone layer.

13. Disposal Considerations

Disposal methods: Refer to State Land Waste Management Authority.

14. Transport Information

Road and Rail Transport

DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

Class/Division: 8 CORROSIVE SUBSTANCE

UN No. 1760

Packing Group: III

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND SODIUM METASILICATE, PENTAHYDRATE)

Hazchem Code: 2X

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The logo for 'BIG BUBBLE' is located in the top right corner. It features the words 'BIG' and 'BUBBLE' in a bold, yellow, sans-serif font, stacked vertically. The text is set against a blue rectangular background that contains several white and light blue circles of varying sizes, resembling bubbles.

Environmental hazards for transport purposes: A Marine pollutant (P) according to the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.

Special precautions for transport: Incompatible with Class 4.3, Class 5.1, Class 5.2, Class 8 strong acids, Class 7, food and food empties and all Class 1 Explosives except for Division 1.4S provided the aggregate quantity of all the dangerous goods in the transport does not exceed 1000 kg/(L).

Additional information: There is a limited quantity exemption for 5L or less for this material.

Marine Transport

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

Class/Division: 8 CORROSIVE SUBSTANCE

UN No. 1760

Packing Group: III

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND SODIUM METASILICATE, PENTAHYDRATE)

Air Transport

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

Class/Division: 8 CORROSIVE SUBSTANCE

UN No. 1760

Packing Group: III

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND SODIUM METASILICATE, PENTAHYDRATE)

15. Regulatory Information

Safety, health and environmental regulations:

SCHEDULE 5 CAUTION - Listed as a schedule 5 poison in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All of the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS).

This material is not listed as subject to the following international agreements:

- An ozone depleting substance according to the Montreal Protocol.
- A persistent organic pollutant according to the Stockholm Convention.
- As requiring Prior Informed Consent according to the Rotterdam Convention.

This material is listed as subject to the following international agreements:

- As Dangerous Goods (Hazardous Waste) according to the Basel Convention on Hazardous Waste
 - Basic solutions or bases in solid form
- A marine pollutant, according to the Prevention of Pollution from Ships (MARPOL).
 - Annex III - Harmful Substances carried in Packaged Form

16. Other Information

References

1. In-House Confidential Data (2021).

Reason for Issue

Supersedes Revision: Not applicable.

Reason for Issue: First issue.

This Safety Data Sheet was prepared by SDS Writers (www.sdswriters.com).

The information contained in this Safety Data Sheet is intended to give general guidance on how to safely handle the product in the workplace. Since the supplier of this product cannot anticipate or control the conditions under which it may be used, each user must, prior to usage, assess and control the risks arising from the use of this product. If clarification or further information is needed, the user should contact the product supplier, listed on the first page of this document.

The supplier's responsibility for the product as sold is subject to the terms and conditions of sale, a copy of which is available on request.

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