

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Oven Cleaner

Recommended Use: Oven cleaning applications

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

Corrosive to metals – Category 1
Skin corrosion / irritation – Category 1
Serious eye damage / irritation – Category 1
Single target organ toxicity (Repeated exposure) – Category 2
Acute toxicity (Inhalation) – Category 4

Pictogram



Name of pictogram(s) Corrosion, Exclamation mark, Health hazard

Signal Word Danger

Hazard Statements H290 May be corrosive to metals.

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H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H332 Harmful if inhaled.

Precautionary Statement

General

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

Prevention

P261 Avoid breathing mist/vapours/spray.
P264 Wash hands and face thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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 with water 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

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 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Sodium hydroxide	1310-73-2	10 – 20%
Ethylenediaminetetraacetic acid	60-00-4	5 – 15%
Potassium hydroxide	1310-58-3	5 – 15%
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.

Ingestion:	IF SWALLOWED: Rinse mouth, then drink plenty of water. Do NOT induce vomiting. Immediately call a Poison Centre or doctor/physician for advice. Never give anything by mouth to an unconscious person.
Eye Contact:	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 flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. Immediately call a Poison Centre or doctor/physician for advice.
Skin Contact:	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.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Centre or doctor/physician for advice. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
Medical attention and special treatment:	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

General	Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out. Dike fire-control for later disposal; do not scatter the material. Do not get water inside containers!
Flammability Conditions	Non-combustible; substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
Suitable Extinguishing Media:	If material is involved in a fire, use dry chemical, Carbon dioxide (CO ₂), foam or water spray for extinction – Do not use water jets.
Fire and Explosion Hazards	Risk of violent reaction or explosion! Containers may explode when heated. Contact with metals may evolve flammable hydrogen gas.
Hazardous combustion products:	Fire may produce irritating, corrosive, and/or toxic gases, including oxides of Carbon, Nitrogen, Potassium, and Sodium.
Precautions for fire fighters and special protective equipment:	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). Wear chemical

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protective clothing – It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Auto Ignition temperature: No Data Available

Decomposition Temperature: No Data Available

Flammability: No Data Available

Flash Point: No Data Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation – Ventilate enclosed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch or walk through spilled material. Do not breathe mists and prevent contact with eyes, skin, and clothing.

Protective equipment: Wear personal protective equipment as required (see SECTION 8).

Emergency procedures: Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.

Environmental Precautions: Spillages and decontamination runoff should be prevented from entering drains and watercourses. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for Containment and clean up: 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 vermiculite and transfer to a suitable container for disposal (see SECTION 13). Flush area with water. Neutralise with dilute acid.

7. HANDLING AND STORAGE

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

Conditions for safe storage: Keep in the original container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition – No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10). Store locked up.

Precautions for safe handling: Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Do not breathe mists or vapours and prevent contact with eyes, skin, and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection (see SECTION 8).

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	Potassium hydroxide: Safe Work Australia Exposure Standard: TWA = 2 mg/m ³ Peak limitation. Sodium hydroxide: Safe Work Australia Exposure Standard: TWA = 2 mg/m ³ Peak limitation.
Biological Monitoring	No information available.
Engineering Controls	Use local exhaust ventilation to prevent the chemical from entering the breathing zone of any worker. Air monitoring is recommended to ensure control measures in place are working effectively.
Personal Protective Equipment	
Eye and Face	Wear appropriate eye protection to prevent eye contact. Recommended: Chemical goggles; Full face shield may be required for supplementary protection.
Skin	Wear protective gloves. Recommended: Elbow length PVC gloves. Wear appropriate personal protective clothing. Recommended: Overalls, PVC apron; PVC protective suit may be required if exposure severe.
Respiratory	In case of inadequate ventilation, wear respiratory protection. Recommended: Wear a respirator with an appropriate, replaceable vapour/mist filter (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Reddish purple
Odour:	Acrid
pH:	>12.5
Solubility:	Miscible with water
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available
Boiling Point:	No Data Available

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

10. STABILITY AND REACTIVITY

Chemical stability:	The substance is stable under normal (and foreseeable) conditions of temperature and pressure during storage and handling.
Conditions to avoid:	Avoid exposure to incompatible materials. Keep away from heat and sources of ignition.
Incompatible materials:	Incompatible/reactive with strong acids, oxidising agents, metals, ammonium salts, and maleic anhydride.
Hazardous decomposition products:	Fire may produce irritating, corrosive, and/or toxic gases, including oxides of Carbon, Nitrogen, Potassium, and Sodium. Contact with metals may evolve flammable hydrogen gas.
Hazardous reactions or Polymerisation:	Will not occur.

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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:

Ingestion:	Corrosive on ingestion; Symptoms include abdominal pain, burns in mouth and throat, burning sensation in the throat and chest, nausea, vomiting, shock, or collapse.
Eye contact:	Corrosive; Causes serious eye damage. Symptoms include redness, pain, blurred vision, severe burns.
Skin contact:	Corrosive; Causes severe skin burns. Symptoms include redness, pain, burns, blisters.
Inhalation:	May cause irritation of the respiratory tract.
Acute Toxicity:	Ethylenediaminetetraacetic acid: LD50, Rat (Oral): 4,500 mg/kg [Supplier's SDS] Potassium hydroxide: LD50, Rat (Oral): 333 mg/kg [Supplier's SDS]
Carcinogenicity:	Not expected to be carcinogenic.
Mutagenicity:	Not expected to be mutagenic.
Reproductive:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Ethylenediaminetetraacetic acid: EC10/LC10/NOEC, Aquatic micro-organisms: 500 mg/L [Supplier's SDS] EC10/LC10/NOEC, Freshwater algae: 48.4 mg/L [Supplier's SDS] Potassium hydroxide: LC50, Fish (Gambusia affinis): 80 mg/L (96 h) [Supplier's SDS] EC50, Crustacea (Daphnia magna): 660 mg/L (48 h) [Supplier's SDS] EC50, Algae (Nitscheria linearis): 1,337 mg/L (120 h) [Supplier's SDS] Sodium hydroxide: LC50, Fish: 35 – 189 mg/L [Supplier's SDS] EC50, Crustacea (Ceriodaphna): 40.4 mg/L (48 h) [Supplier's SDS]
Persistence and degradability:	No information available.
Bioaccumulative potential:	No information available.
Mobility:	No information available.

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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 Code) for transport by Road and Rail; DANGEROUS GOODS.

UN number:	1719
Proper shipping name;	CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND POTASSIUM HYDROXIDE)
DG Class	8
Packing group	III
Hazchem	2R

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:	1719
Proper shipping name;	CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND POTASSIUM HYDROXIDE)
DG Class	8
Packing group	III
Hazchem	2R

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:	1719
Proper shipping name;	CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE AND POTASSIUM HYDROXIDE)
DG Class	8
Packing group	III
Hazchem	2R

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15. REGULATORY INFORMATION

Poisons Schedule: Schedule 6

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: 27/08/2026

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.