

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Heavy Duty Multi-Cleaner

Recommended Use: General cleaning and degreaser

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

Category 1 – Corrosive to metals
Category 1 – Serious eye damage / irritation
Category 1A – Skin corrosion / irritation

Pictogram



Name of pictogram

Corrosion

Signal Word

Danger

Hazard Statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

SAFETY DATA SHEET

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 | P233 Keep container tightly closed. P261 Avoid breathing mists/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 area. P273 Avoid release to the environment. P280 Wear protective gloves/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 comfortably 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. P330 Rinse mouth. P332 + P313 If skin irritation occurs: Get medical attention. P337 + P313 If eye irritation persists: Get medical advice. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage. P391 Collect spillage. |
| 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 |
|--|------------|------------|
| 2-Butoxyethanol | 111-76-2 | 5 – 15% |
| Sodium tripolyphosphate | 7758-29-4 | 1 – 10% |
| Sodium hydroxide | 1310-73-2 | 1 – 5% |
| Sodium lauryl sulphate | 151-21-3 | 1 – 5% |
| Benzenesulfonic acid, dodecyl-, compound with 2,2'-iminobis[ethanol] (1:1) | 26545-53-9 | <1% |
| Sodium (C10-16) ethoxylated alkyl sulphate | 68585-34-2 | <1% |
| Sodium xylensulfonate | 1300-72-7 | <1% |
| Alcohols, C12-14, ethoxylated | 68439-50-9 | <0.1% |
| Ingredients determined not to be hazardous | | Balance % |

SAFETY DATA SHEET

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.

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| Ingestion: | IF SWALLOWED: Rinse mouth, then drink plenty of water. Do NOT induce vomiting. Immediately call a Poison Centre or doctor/physician for advice. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. 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. |

5. FIRE FIGHTING MEASURES

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| General | 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. |
| Flammability Conditions | Not considered a significant fire risk, however containers may burn. |
| 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 jet as an extinguisher, as this will spread the fire. Use extinguishing media suitable for surrounding area. |
| Fire and Explosion Hazards | Decomposes on heating, emitting toxic fumes. Contact with metals may evolve flammable hydrogen gas. |
| Hazardous combustion products: | Fire/decomposition may produce irritating, corrosive and/or toxic gases including carbon, phosphorous, sodium, sulphur and metal oxides. |

SAFETY DATA SHEET

Precautions for fire fighters and special protective equipment: Contain runoff from fire control or dilution water – Runoff may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

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. Remove all ignition sources. Do not touch or walk through spilled material. Clean up spills immediately. Avoid breathing vapours and contact with eyes, skin, and clothing.

Protective equipment: Use 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: Prevent entry into soils, ditches, drains and waterways. If contamination of drains or watercourses occurs, advise local authorities.

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 spill with sand, earth, inert material or vermiculite and transfer to a suitable container for disposal (see SECTION 13). Wash area down with large amounts of water and prevent runoff into drains. 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 containers closed when not in use. Protect containers against physical damage and check regularly for leaks. 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 – Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mists/vapours/spray and contact with eyes, skin, and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8).

SAFETY DATA SHEET

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Exposure control measures: | 2-Butoxyethanol: Safe Work Australia Exposure Standard: TWA = 20 ppm (96.9 mg/m ³) Sodium hydroxide: Safe Work Australia Exposure Standard: TWA = 2 mg/m ³ |
| Biological Monitoring | No information available. |
| Engineering Controls | 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. |
| Personal Protective Equipment | |
| Eye and Face | Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses with side shields or chemical goggles. |
| Skin | Handle with gloves. Recommended: Chemical protective gloves, e.g. PVC. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, safety shoes. |
| Respiratory | In case of inadequate ventilation, wear respiratory protection. Recommended: Use an approved respirator with a replaceable vapour/mist filter (refer to AS/NZS 1715 & 1716). |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------------|---------------------|
| Physical state: | Liquid |
| Colour: | Yellow |
| Odour: | Acrid odour |
| 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 |

SAFETY DATA SHEET

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|---|-------------------|
| Melting/Freezing Point: | No Data Available |
| 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

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| Chemical stability: | Stable under recommended storage conditions. |
| Conditions to avoid: | Avoid exposure to heat and sources of ignition. |
| Incompatible materials: | Incompatible/reactive with strong acids, amines, ammonia, acid chlorides, oxidising agents and reducing agents. |
| Hazardous decomposition products: | Fire/decomposition may produce irritating, corrosive and/or toxic gases including carbon, phosphorous, sodium, sulphur and metal oxides. |
| Hazardous reactions or Polymerisation | Hazardous polymerisation will not occur. |

SAFETY DATA SHEET

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:

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| Ingestion: | 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 probably abdominal cramps. |
| 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, and blisters. |
| Inhalation: | Inhalation of vapours may cause irritation of the nose, throat, and respiratory system. |
| Acute Toxicity: | 2-Butoxyethanol: Oral: LD50, Rat: 1,400 mg/kg [Supplier's SDS] Sodium lauryl sulphate: Oral: LD50, Rat: 1,288 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

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| Ecotoxicity: | 2-Butoxyethanol: LC50, Fish: 1490 mg/L (96 hour) [Supplier's SDS] Sodium hydroxide: EC50, Crustacea (Ceriodaphnia): 40.4 mg/L (48 hr) [Supplier's SDS] Sodium tripolyphosphate: EC50, Algae/aquatic plants: 69.2 mg/L (96 hr) [Supplier's SDS] |
| Persistence and degradability: | No information available. |
| Bioaccumulative potential: | No information available. |
| Mobility: | No information available. |

SAFETY DATA SHEET

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)
DG Class 8, Corrosive
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)
DG Class 8, Corrosive
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)
DG Class 8, Corrosive
Packing group III
Hazchem 2R

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.

SAFETY DATA SHEET

16. OTHER INFORMATION

Revision date: 08/06/2026

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.