SAFETY DATA SHEET

Section 1 - Identification of The Material and Supplier

aiMix Chemicals Pty Ltd
52-54 Power St
St Marys, NSW 2760
Phone: 02 9623 3288
Email: aimixchemicals@bigpond.com

Chemical nature: Cleaning product.
Trade Name: **NWC House Wash Mix**
Product Use: Cleaning product.
Creation Date: **July, 2021**
This version issued: **August, 2026** and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

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This product is hazardous according to criteria of Worksafe Australia





GHS Signal word: DANGER

Hazard Classification

Serious eye damage — Category 1
Skin irritation — Category 2
Skin sensitisation — Category 1

HAZARD STATEMENT:

H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage

PREVENTION

P102: Keep out of reach of children.
P103: Read label before use.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash contacted areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.

RESPONSE

P310: Immediately call a POISON CENTRE or doctor/physician.
P362: Take off contaminated clothing and wash before reuse.
P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P410: Protect from sunlight.
P402+P404: Store in a dry place. Store in a closed container.
P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour: Green liquid.
Odour: No data.
Major Health Hazards: 2-butoxyethanol is a severe eye irritant. Results of skin irritation studies are conflicting; however, it is considered to be a mild to moderate skin irritant in test animals. Contact dermatitis has been reported in a few cases. It is well absorbed via the inhalational, oral and dermal routes. May cause serious damage to eyes, harmful if swallowed, skin irritant.

Section 3 - Composition/Information on Ingredients

Ingredient/raw material	CAS number	Approx. concentration (% w/w)
Water	7732-18-5	<80
2-Butoxyethanol/Butyl glycol ether	111-76-2	1-10
Linear alkylbenzene sulfonic acid	85536-14-7	1-10
Sodium tripolyphosphate	7758-29-4	1-10
Sodium laureth sulfate/SLES raw material	68891-38-3	1-10
Oxamine LO/amine oxide surfactant	Supplier-specific	1-10
Mergal K9N/Guardimax PC preservative	Proprietary mixture	1-10
Sodium xylene sulfonate raw material	1300-72-7	1-10
12A12 surfactant	Supplier-specific	1-10
Sodium hydroxide	1310-73-2	1-10
Sodium benzoate	532-32-1	<5
LA8 surfactant	Supplier-specific	<5
Trisodium EDTA raw material	150-38-9	<5
Green dye preparation	Proprietary mixture	<5

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation:
Move the person to fresh air and keep comfortable for breathing. Rinse the mouth and nose with water. Obtain medical advice if coughing, breathing difficulty or irritation persists.

Skin contact:
Remove contaminated clothing and footwear. Wash affected skin thoroughly with water and soap. Do not

use solvents to clean the skin. Obtain medical advice if irritation, redness or a rash develops. Wash clothing before reuse.

Eye contact:

Immediately rinse cautiously with clean, gently flowing water for at least 15 minutes. Hold eyelids apart. Remove contact lenses if present and easy to do. Continue rinsing. Immediately contact the Poisons Information Centre on 13 11 26 or obtain urgent medical attention.

Ingestion:

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Give small amounts of water if the person is conscious and able to swallow. Never give anything by mouth to an unconscious person. Contact the Poisons Information Centre on 13 11 26.

Symptoms and effects:

- Severe eye pain, watering, redness and possible corneal injury.
- Skin redness, irritation, dryness or allergic rash.
- Inhaled mist may cause coughing and respiratory irritation.
- Ingestion may cause nausea, vomiting, abdominal discomfort and irritation.

Medical attention:

Treat symptomatically. Eye exposure requires immediate assessment because serious eye injury may occur.

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Section 5 - Fire Fighting Measures

Suitable extinguishing media:

Use extinguishing media appropriate to the surrounding fire, including water fog, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Do not use a high-pressure water jet where it may spread contaminated material.

Specific hazards:

The product is water-based and is not expected to support combustion under normal conditions. Heating or fire may generate carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides, phosphorus oxides and irritating fumes.

Protective equipment:

Firefighters should wear self-contained breathing apparatus and full protective clothing.

Hazchem code:

Not assigned**.**

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Section 6 - Accidental Release Measures

Personal precautions:

- Restrict access to the affected area.
- Avoid contact with skin and eyes.
- Avoid breathing spray or mist.
- Wear gloves, eye protection and suitable protective clothing.
- Product may make floors extremely slippery.

Environmental precautions:

Prevent concentrated product from entering soil, stormwater drains, sewers and waterways. Contain contaminated firewater and wash-water.

Containment and cleanup:

1. Stop the leak if safe to do so.
2. Contain with sand, earth or another inert absorbent.
3. Recover bulk liquid into labelled containers.
4. Absorb residue and collect mechanically.
5. Wash the area with a small quantity of water after the bulk material has been removed.
6. Prevent cleanup water from entering stormwater.
7. Dispose of collected material in accordance with local requirements

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Section 7 - Handling and Storage

Safe handling:

- Read the label and SDS before use.
- Avoid eye and prolonged skin contact.
- Avoid generating or breathing spray mist.
- Provide adequate ventilation.
- Wear eye protection and chemically resistant gloves when handling concentrate.
- Do not eat, drink or smoke while using the product.
- Wash thoroughly after handling.
- Do not return contaminated product to the original container.

Storage:

- Store upright in the original, correctly labelled container.
- Keep tightly closed in a cool, dry and well-ventilated location.
- Protect from heat, freezing and direct sunlight.
- Store away from acids, oxidisers, food and animal feed.
- Use corrosion-resistant shelving or suitable secondary containment.
- Keep out of reach of children and unauthorised persons

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Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	**TWA (mg/m^3)**	**STEL (mg/m^3)**
2-Butoxyethanol	96.9	242

Safe Work Australia lists 2-butoxyethanol at a TWA of 20 ppm and STEL of 50 ppm, with a skin notation. Sodium hydroxide has a peak limitation of 2 mg/m³. 2-Butoxyethanol exposure standard, sodium hydroxide exposure standard

Engineering controls:
Use adequate general ventilation. Use local extraction where spraying, atomising or bulk decanting may generate airborne mist.

Eye and face protection:
Wear chemical splash goggles. Use a face shield over goggles where splashing is likely.

Hand protection:
Wear chemical-resistant nitrile, neoprene or PVC gloves. Select glove thickness and breakthrough time for the task and duration of exposure.

Skin protection:
Wear long sleeves, long trousers and enclosed footwear. Wear a chemical-resistant apron or coveralls during bulk handling.

Respiratory protection:
Normally unnecessary when used with adequate ventilation without aerosol generation. Where mist cannot be adequately controlled, use suitable respiratory protection selected in accordance with AS/NZS 1715 and AS/NZS 1716.

Hygiene controls:
Provide eyewash facilities and access to running water. A safety shower should be available in bulk-handling areas.

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Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Green liquid.
Odour:	Distinct Odour.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Approximately 0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	As for water.
Specific Gravity:	1.05 – 1.1
Water Solubility:	Completely soluble in water.

pH:	12 - 13
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	As for water.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Does not burn.

Section 10 - Stability and Reactivity

Reactivity:
No dangerous reaction expected under recommended conditions of use and storage.

Chemical stability:
Expected to be stable in the original sealed container under normal conditions.

Possibility of hazardous reactions:
Mixing with incompatible cleaning products may generate heat, splashing or hazardous decomposition products.

Conditions to avoid:

- Excessive heat
- Freezing
- Direct sunlight
- Contamination
- Aerosol or mist generation

Incompatible materials:

- Strong acids
- Strong oxidising agents
- Reactive metals
- Cationic surfactants where incompatibility may occur

Hazardous decomposition products:
Carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides, phosphorus oxides and irritating organic fumes may be generated during fire or thermal decomposition

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Section 11 - Toxicological Information

Acute toxicity:
The mixture has not been tested. At the calculated concentration, 2-butoxyethanol alone is not expected to result in classification of the complete mixture as Acute Toxicity Category 4 using the available oral ATE. Nevertheless, ingestion, inhalation of mist and extensive skin contact should be avoided.
Safe Work Australia classifies 2-butoxyethanol as harmful if swallowed, in contact with skin or if inhaled, and as causing serious eye and respiratory irritation. Safe Work Australia HCIS classification
Skin corrosion/irritation:
Expected to cause skin irritation. Repeated exposure may remove natural oils and cause dryness or dermatitis.
Serious eye damage/irritation:
Expected to cause serious eye damage based on the combined surfactant system and the absence of finished-product test data.
Respiratory sensitisation:
Not classified based on available information.
Skin sensitisation:
May cause an allergic skin reaction. Classification depends principally on the active substances in Mergal K9N and must be confirmed against its current supplier SDS.
Germ-cell mutagenicity:
Not classified based on available information.
Carcinogenicity:
Not classified based on available information.

Reproductive toxicity:
Not classified based on available information.
Specific target-organ toxicity — single exposure:
Spray mist may cause respiratory irritation. The mixture classification has not been established.
Specific target-organ toxicity — repeated exposure:
Not classified based on available information.
Aspiration hazard:
Not expected to meet aspiration-hazard criteria because the product is an aqueous detergent.
Likely routes of exposure:
Eye contact, skin contact, ingestion and inhalation of spray mist.
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Section 12 - Ecological Information

Ecotoxicity:
The complete mixture has not been tested. Surfactants and biocidal preservatives may be harmful to aquatic organisms, particularly in concentrated form.
Persistence and degradability:
No mixture data available. Individual organic surfactants are expected to have varying degrees of biodegradability.
Bioaccumulative potential:
No mixture data available.
Mobility in soil:
The product is water-soluble or water-dispersible and may move through soil or enter waterways.
Other adverse effects:
Large releases may alter water quality and harm aquatic organisms. Do not discharge concentrated product or uncontrolled wash-water into stormwater or natural waterways.
A definitive GHS environmental classification cannot be assigned until the composition and concentration of the Mergal K9N active substances are confirmed
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Section 13 - Disposal Considerations

- Avoid discharge of concentrate to stormwater, soil or waterways.
- Reuse or recover uncontaminated product where practicable.
- Dispose of unwanted product through a licensed waste contractor.
- Do not mix with incompatible waste.
- Triple-rinse empty containers where appropriate and permitted.
- Recycle containers only through an approved facility.
- Do not reuse containers for food, drinking water or household storage.
- Disposal must comply with applicable Commonwealth, state and local requirements.

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Section 14 - Transport Information

UN number: Not assigned
Proper shipping name: Not applicable
Transport hazard class: Not classified as Dangerous Goods based on available formulation information
Packing group: Not applicable
Environmental hazard: Not determined
Hazchem code: Not assigned.

Section 15 - Regulatory Information

Prepared in the Australian 16-section SDS format.
Classified provisionally according to GHS Revision 7 as implemented under Australian WHS legislation.
Ingredient inventory status has not been individually verified against the Australian Inventory of Industrial Chemicals.
The manufacturer must verify compliance with the Industrial Chemicals Act 2019 and any applicable AICIS obligations.
Mergal K9N must be checked for applicable biocide, poison-scheduling and use restrictions.

State environmental requirements may regulate disposal of detergent-containing wash-water..

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.