Zexa Ultra Heavy Duty Machine Wash

Product Code: 2-316

Section 1. IDENTIFICATION

Product Name	Zexa Ultra Heavy Duty Machine Wash
Product Code	2-316
Description / Use	Zexa Ultra Heavy Duty Machine Wash
Supplier	Made by Zexa
Address	28 Strathmore Road, Caves Beach NSW 2281
Phone	+61 2 4970 7777
Email	sales@zexa.com.au
Website	www.zexa.com.au
Issue Date	2026-11-23
Review Date	2029-11-22
Emergency Contact	Australia 13 11 26 / NZ 0800 764 766

Section 2. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of Safe Work Australia and the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), 7th revised edition.

Signal Word: DANGER



- Skin Corrosion/Irritation — Category 1B (H314)
- Serious Eye Damage/Irritation — Category 1 (H318)

Hazard statements: Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary statements: P260 P280 P303+P361+P353 P305+P351+P338 P310

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is a mixture. Hazardous ingredients are listed below; concentrations are given as ranges to reflect QC tolerance and to protect proprietary formulation. Ingredients not classified as hazardous, or withheld as confidential business information, are accounted for in the balance to 100%.

Chemical Name	CAS Number	Concentration
Sodium hydroxide	1310-73-2	10–25%
Sequestering builders	Proprietary	1–5%
Sodium metasilicate, pentahydrate	10213-79-3	1–5%
Other ingredients (non-hazardous and/or proprietary)	—	to 100%

Section 4. FIRST AID MEASURES

Swallowed	Do NOT induce vomiting. Rinse mouth with water. Give water to drink. Immediately call a Poisons Information Centre (13 11 26) or doctor.
Eye Contact	Immediately rinse with plenty of water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a Poisons Information Centre or doctor.
Skin Contact	Remove contaminated clothing immediately. Rinse skin with plenty of water. Seek immediate medical attention.
Inhalation	Remove victim from exposure to fresh air. If symptoms persist, seek medical attention.
First Aid Facilities	Eyewash station and safety shower required for hazardous products.

Advice to Doctor	Treat symptomatically. Corrosive alkali or acid; protect skin and eyes during treatment.

Section 5. FIREFIGHTING MEASURES

Extinguishing Media	Use extinguishing media appropriate for the surrounding fire.
Media Not To Use	None known.
Hazards from Combustion	May react with metals to produce flammable hydrogen gas.
Protective Equipment	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment including chemical-resistant gloves, eye protection and protective clothing. Avoid skin and eye contact.
Environmental Precautions	Do not let product reach drains or waterways.
Methods for Cleanup	Stop leak if safe to do so. Contain spill with non-combustible absorbent material (sand, soil). Neutralise with dilute acid/alkali (as appropriate) if safe to do so. Collect and seal in labelled containers for disposal.

Section 7. HANDLING AND STORAGE

Handling	Wear PPE specified in Section 8. Avoid skin and eye contact. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Storage	Store in a cool, dry, well-ventilated place away from direct sunlight. Keep containers tightly sealed. Keep out of reach of children. Store away from acids, metals and incompatible materials.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Use in well-ventilated areas. Local exhaust ventilation recommended where airborne mist or vapour may be generated.
Personal Protective Equipment	Chemical-resistant gloves (nitrile or neoprene), safety goggles, face shield and chemical-resistant protective clothing.
Respiratory Protection	Use approved respirator (P2 or higher) when mist or vapour may be generated.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	clear liquid
Odour	Characteristic
Physical State	liquid
pH	13–14
Density (g/mL)	1.06
Flash Point (°C)	Not applicable
Boiling Point (°C)	approx. 100 (calculated)
Water Solubility	Soluble

Calculated values are estimates from the formulation and supplier SDS data, not measurements; confirm by QC before issue.

Section 10. STABILITY AND REACTIVITY

Stable under normal conditions of use, storage and handling.

Conditions to Avoid	Extreme temperatures, direct sunlight, sources of ignition (if flammable).

Incompatible Materials	Acids (strong reaction). Aluminium, zinc, tin and their alloys (produces flammable hydrogen gas). Strong oxidising agents.
Hazardous Decomposition Products	Standard combustion products may form including carbon oxides on combustion.

Section 11. TOXICOLOGICAL INFORMATION

Causes severe skin burns and eye damage. Causes serious eye damage.

Section 12. ECOLOGICAL INFORMATION

No significant ecological hazards known when used as directed.

Section 13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local, state and federal regulations. Neutralise before disposal where appropriate. Do not discharge into drains or watercourses.

Section 14. TRANSPORT INFORMATION

Provisional classification — confirm before issue: UN 3266 Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium metasilicate pentahydrate), Class 8, PG II.

UN Number	3266
Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium metasilicate pentahydrate)
Transport Hazard Class	8
Packing Group	II
Hazchem Code	2X
Emergency Response Guide	154 (ANZ-ERG2024)
Environmental Hazards	Not an environmentally hazardous substance or marine pollutant
Special Precautions for User	Keep separated from acids. Refer to the ADG Code for segregation and packing requirements.
Transport in Bulk (MARPOL Annex II / IBC Code)	Not applicable

Section 15. REGULATORY INFORMATION

Poisons Schedule (SUSMP)	Schedule 6 – POISON (calculated)

All ingredients listed in AICS (Australian Inventory of Chemical Substances). Produced in accordance with GHS requirements.

Section 16. OTHER INFORMATION

Disclaimer: This SDS summarises our best knowledge of the health and safety information of this product at the date of issue. Each user must review this SDS in the context of how the product will be handled and used in the workplace.

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