

Date of issue: 4.02.22

NZ Safety Data Sheet





1. Identification of the Substance/Mixture and Supplier.

Product Name: NURACIDE
 Uses: Cleaning agent
 Supplier: Nuralite Waterproofing Ltd
 60D Leon Leicester Avenue
 Mt Wellington
 Auckland 1060
 New Zealand.
 Telephone: +64 9 579 2046
 Web: www.nuralite.co.nz
 Emergency Telephone: 027 5350899 (General Manager) – 24 hrs
 National Poisons Centre Tel: 0800 POISON (0800 764766) – 24 hrs

2. Hazards Identification.

Hazardous Status: Classified as hazardous according to the criteria of HSNO.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS	HAZARD STATEMENTS	GHS Pictogram
Acute toxicity: Oral, Cat 4	H302 Harmful if swallowed.	
Skin corrosion/irritation, Cat 1B	H314 Causes severe skin burns and eye damage.	
Serious eye damage/irritation, Cat 1	H318 Causes serious eye damage.	
Aquatic toxicity (Acute), Cat 1	H400 Very toxic to aquatic life.	
Agrichemical - Hazardous to soil organisms	Hazardous to soil organisms	N/A

Signal Word: DANGER

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS

P101	If medical advice is needed, have product container or label at hand.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P310	Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.


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P310	Immediately call a POISON CENTER or doctor/physician.	
P391	Collect spillage.	
STORAGE STATEMENTS		
P405	Store locked up.	
DISPOSAL STATEMENTS		
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
Benzalkonium Chloride	68424-85-1	20-40
Other ingredients: Non-hazardous or below the hazardous threshold – to 100%		
4. First Aid Measures.		
Swallowed	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
Eye Contact	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
5. Fire-Fighting Measures.		
Suitable extinguishing media	Carbon dioxide, dry chemical, foam, water fog or water mist.	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	Toxic organic vapours/fumes, amines, CO, CO ₂ , nitrogen oxides, hydrogen chloride	
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
6. Accidental Release Measures.		
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	

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Spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed hazardous waste disposal contractor.
7. Handling and Storage.	
Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product.
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight.
8. Exposure Control/Personal Protection	
Exposure Standards – Not available	
Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	
Respiratory	Wear a vapour respirator.
Eyes	Wear chemical goggles and/or face shield.
Hands	Wear chemical gloves – PVC, Polychloropropene or Nitrile.
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.
9. Physical and Chemical Properties	
PROPERTY	SPECIFICATION
Physical state	Liquid
Colour	Green
Odour	Low odour
pH	~10
Boiling Pt	100°C (water)
Melting Pt	Not available
Flash Pt	Not applicable
Explosive properties	Not applicable
Vapour pressure	Not available
Density	0.98 – 1.00 kg/L
Water Solubility	Soluble
Viscosity	Not available
Ignition temperature	Not applicable
10. Stability and Reactivity	
Stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Extremes of temperature and direct sunlight. Protect from freezing.
Incompatible materials	Mild steel. Copper. Copper alloys. Strong acids.
Hazardous decomposition products	Combustion products - Toxic organic vapours/fumes, amines, CO, CO ₂ , nitrogen oxides, hydrogen chloride

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11. Toxicological Information

Original data sourced from raw material SDSs – mixture rules applied

Acute Oral Toxicity	Harmful if swallowed
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Skin Irritation/Corrosive	Causes severe skin burns
Eye Irritation/Corrosive	Causes serious eye damage.
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	Not Classified

Toxicity Data

Product Acute Toxicity Estimate

ORAL LD50

1636 mg/kg

DERMAL LD50

>2000 mg/kg

INHALATION LC50 (dust/mist)

>5 mg/L/4H

12. Ecological Information

This product is classified as Ecotoxic according to the criteria of HSNO.

Very toxic to aquatic life.

Hazardous to soil organisms

Ecotoxicity Data – (from RM SDSs)

Product Calculated Aquatic Ecotoxicity – L(E)C50: ≤1 mg/L

Ingredients contributing to Aquatic Ecotoxicity:

Ingredient	Classification
Benzalkonium Chloride	Acute, Cat 1

Persistence & Degradability	No data
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Mobility	No data
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Bioaccumulative Potential	No data
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Other	No data
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13. Disposal Considerations.

Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

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14. Transportation Information.

Regulated for transport
 UN Number: 3267
 Proper Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, NOS (contains Benzalkonium Chloride)
 Class: 8
 Packing Group: II
 Hazchem: 2X
 Marine Pollutant: Yes

Land/Sea/Air

EHSM also required for Sea/Air



15. Regulatory Information.

Group Standard: HSR002526
 Cleaning Products - Corrosive

HSNO CONTROLS

SDS required when any quantity is present in a workplace.

Emergency Response Plan and Secondary Containment required when >100L is present in a workplace

Toxic signage required when >10,000L is stored.

Corrosive Signage required when >250L is stored.

Ecotoxic signage required when >100L is stored.

(Corrosive, Cat 2) Hazardous Substances Location
 Compliance Certificate required for: >250L

Certified Handler Not Required

Tracking Not Required

All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.

Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.

16. Other Information.

HSNO = Hazardous Substances and New Organisms Act.
 EPA = Environmental Protection Authority

Date of SDS Preparation: 4 February 2022

Replaces Version Dated: 27 April 2018

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.