






Date of issue: 27.04.18

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
HSNO	GHS Equivalent		
6.1D (oral)	Acute toxicity: Oral, Cat 4	H302 Harmful if swallowed.	
8.2B	Skin corrosion/irritation, Cat 1B	H314 Causes severe skin burns and eye damage.	
8.3A	Serious eye damage/irritation, Cat 1	H318 Causes serious eye damage.	
9.1A	Aquatic toxicity (Acute), Cat 1	H400 Very toxic to aquatic life.	
9.3B	N/A	H432 Toxic to terrestrial vertebrates.	
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.		

Date of issue: 27.04.18

NZ Safety Data Sheet

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.	
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.	

Date of issue: 27.04.18

NZ Safety Data Sheet



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).
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, Polychlorpropene 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

Date of issue: 27.04.18

NZ Safety Data Sheet

11. Toxicological Information	
Original data sourced from raw material SDSs	
Classification:	Acute Oral Toxicity – 6.1D
Health Effects:	Harmful if swallowed
Reference:	Determined by applying mixture rules
Classification:	Skin/Eye Corrosive – 8.2B
Health Effects:	Causes severe skin burns and eye damage.
Reference:	Determined by applying mixture rules
Classification:	Eye Corrosive – 8.3A
Health Effects:	Causes serious eye damage.
Reference:	Determined by applying mixture rules
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
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 6.1D: 1636 mg/kg	
DERMAL LD50 >5000 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. H400 Very toxic to aquatic life. H432 Toxic to terrestrial vertebrates.	
Ecotoxicity Data – (from RM SDSs)	
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:	
9.1A: ≤1	
Ingredients contributing to Aquatic Ecotoxicity:	
Ingredient	Classification
Benzalkonium Chloride	9.1A
Persistence & Degradability	No data
Mobility	No data

Date of issue: 27.04.18 NZ Safety Data Sheet

Bioaccumulative Potential	No data
Other	No data
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.	
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.	
HSNO Classification:	6.1D(o), 8.2B, 8.3A, 9.1A, 9.3B
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.	
(Class 8.2B) 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.	



Date of issue: 27.04.18

NZ Safety Data Sheet

16. Other Information.

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

Date of SDS Preparation: 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.