

Date of issue: 18.02.22

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name: NURADECK GEL
 Uses: Water Based Emulsion Surface Protection
 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: Not classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS	HAZARD STATEMENTS	GHS Pictogram
Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	N/A

Signal Word: WARNING

PREVENTION STATEMENTS

P103	Read label before use.
P273	Avoid release to the environment.

RESPONSE STATEMENTS – N/A

STORAGE STATEMENTS – N/A

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.
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3. Composition/Information on Ingredients.


Chemical Entity	CAS Number	Proportion %w/w
Ammonia Soln	1336-21-6	<1
Biocides	Blends	<1
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.

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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	In case of fire, use water spray (fog), foam, dry chemical or CO2.
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	Decomposition products may include: Carbon oxides, Other noxious substances.
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).
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	Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Ensure that storage conditions comply with applicable local and national regulations.
8. Exposure Control/Personal Protection	
Exposure Standards – no data	
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.

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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	White
Odour	Mild
pH	8.5 – 9.5
Boiling Pt	100°C (water)
Melting Pt	No data
Flash Pt	No data
Explosive properties	No data
Vapour pressure	No data
Relative Density	1.3 – 1.4
Water Solubility	Soluble
Viscosity	No data
Ignition temperature	No data

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	Strong oxidising agents. Strong acids and bases.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may result in the release of toxic and/or irritating fumes.

11. Toxicological Information

Original data sourced from CCID and/or raw material SDSs.	
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Skin Irritancy/Corrosion	Not Classified.
Eye Irritancy/Corrosion	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
Swallowed:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhaled:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

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Skin:	May be irritating to skin. The symptoms may include redness, itching and swelling.		
Eyes:	May be irritating to eyes. The symptoms may include redness, itching and tearing.		
Chronic Effects:	Prolonged or repeated exposure to skin may cause dermatitis.		
Toxicity Data			
Product Acute Toxicity Estimate			
ORAL LD50 >2000 mg/kg			
DERMAL LD50 >2000 mg/kg			
INHALATION LC50 (dust/mist) >5 mg/L/4H			
Ingredient:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
Aqueous Ammonia (25%)	1000 - Rat	-	-
12. Ecological Information			
This product is classified as Ecotoxic according to the criteria of HSNO.			
Harmful to aquatic life with long lasting effects.			
Product Calculated Aquatic Ecotoxicity – L(E)C50: >10 - ≤100 mg/L			
Persistence & Degradability	No data		
Mobility	No data		
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.			
Not regulated for transport. Keep separated from foodstuffs.			
15. Regulatory Information.			
Group Standard:	HSR002670 Surface Coatings & Colorants – Subsidiary Hazard		
HSNO CONTROLS			
SDS required when any quantity is present in a workplace.			
Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace			
Ecotoxic signage required when >1000L is stored.			
Certified Handler	Not Required		
Tracking	Not Required		



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<p>All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.</p> <p>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.</p>
<p>16. Other Information.</p>
<p>HSNO = Hazardous Substances and New Organisms Act. EPA = Environmental Protection Authority CCID = Chemical Classification and Information Database (EPA) NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit</p> <p>Date of SDS Preparation: 18 February 2022 Replaces Version Dated: 21 March 2019</p>

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.