

Infosafe No™ 3NV4H Issue Date : April 2024 ISSUED by NUFARMNZ

Product Name **TANK & EQUIPMENT CLEANER**

Classified as hazardous

Section 1 - Identification

Product Identifier	TANK & EQUIPMENT CLEANER
Product Code	04710
Product Type	Cleaner
Company Name	Nufarm NZ
Address	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency Phone Number	0800 651 911
Email	nzinfo@nufarm.com
Recommended uses and any restrictions on use or supply	For routine cleaning and decontamination of all pesticide application equipment.
Other Information	This SDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture	Serious eye damage Category 1
Signal Word (s)	DANGER
Hazard Statement (s)	H318 Causes serious eye damage
Precautionary Statement – General	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions.
Pictogram (s)	Corrosion



Precautionary Statement – Prevention	P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Precautionary Statement – Response	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/doctor.
Precautionary Statement – Disposal	P501 Dispose of contents/container to an approved landfill.

Section 3 - Composition and Information on Ingredients

Chemical Characterization Ingredients	Solid		
	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Pentasodium triphosphate	7758-29-4	80-90 %
	Sodium carbonate	497-19-8	<10%
	Sodium dodecylbenzene sulphonate	25155-30-0	<10%

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Section 4 - First Aid Measures

Inhalation	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
Ingestion	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
Skin	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Remove contact lenses, if present and easy to do. Seek medical assistance even if there are no immediate symptoms.
First-aid Facilities	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
Advice to Doctor	Treat symptomatically.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Water fog, foam, carbon dioxide or dry chemical.
Hazards from Combustion Products	If involved in a fire, it will emit oxides of carbon, oxides of sulphur and possibly phosphoric acid.
Special protective equipment for fire-fighters	Full protective clothing and self-contained breathing apparatus.
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Decomposition Temperature	Information is not available.
Other Information	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

Section 6 - Accidental Release Measures

Spills and Disposal	Wear protective clothing. Clear area of unprotected personnel. Sweep up solids without generating dust (use water to dampen). Contain and absorb liquid spills with inert material and place in waste containers. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.
Environmental Precautions	Prevent from entering drains, waterways or sewers.

Section 7 - Handling and Storage

Precautions for Safe Handling	Avoid generating dusts while handling the product and mixing. Avoid skin and eye contact and inhalation of dust. CERTIFIED HANDLER: Is not required. TRACKING: Is not required. RECORD KEEPING: Is not required.
Conditions for safe storage, including any incompatibilities	Store in original container tightly closed and in a locked, dry, cool area away from sources of ignition and foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals.
Other Information	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds: When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409

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Management of Agrichemicals and the HSNO Regulations.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)	No exposure standard has been established for this product.
Appropriate Engineering Controls	Handle in well ventilated areas, generally natural ventilation is adequate. Avoid generation of dust when handling solid.
Personal Protective Equipment	When preparing and using the spray, wear elbow length butyl rubber gloves and a face shield.
Hygiene Measures	Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	Light orange to pale yellow.
Odour	Slight odour.
Decomposition Temperature	Information is not available.
Melting Point	Information is not available.
Solubility in Water	Soluble in water.
pH	10.8 (10% solution)
Vapour Pressure	Information is not available.
Vapour Density (Air=1)	Information is not available.
Odour Threshold	Information is not available.
Partition Coefficient: n-octanol/water	Information is not available.
Density	1.105g/cm ³
Flash Point	Information is not available.
Flammability	Non flammable.
Auto-ignition Temperature	Information is not available.
Flammable Limits - Lower	Information is not available.
Flammable Limits - Upper	Information is not available.
Initial Boiling Point and Boiling Range	Information is not available.
Kinematic Viscosity	Information is not available.
Particle Characteristics	Information is not available.
Relative Density	Information is not available.

Section 10 - Stability and Reactivity

Reactivity	Information not available.
Chemical Stability	Stable under normal conditions of handling and storage.
Conditions to Avoid	Extremes of temperature and direct sunlight.

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Incompatible Materials None known based on information supplied.

Hazardous Decomposition Products None known based on information supplied.

Section 11 - Toxicological Information

Toxicology Information No harmful effects are expected if the precautions on the label and this MSDS are followed.

Acute Toxicity - Oral LD50 (rat) 3120 mg/kg for Pentasodium triphosphate.
LD50 (rat) 4090 mg/kg for Sodium Carbonate.
LD50 (rat) 438 mg/kg for Sodium dodecylbenzenesulphonate.

Ingestion May be harmful if swallowed.

Inhalation No known significant effects or hazards.

Skin Mild skin irritant.

Corrosion/Irritation Causes serious eye damage.

Serious Eye Damage/Irritation Information is not available.

Respiratory Sensitisation Information is not available.

Skin Sensitisation Information is not available.

Germ Cell Mutagenicity Information is not available.

Carcinogenicity Information is not available.

Reproductive Toxicity Information is not available.

STOT - Repeated Exposure Information is not available.

Aspiration Hazard Information is not available.

Section 12 - Ecological Information

Ecotoxicity This product is not classified as environmentally hazardous.

Persistence and Degradability Information is not available.

Mobility Information is not available.

Bioaccumulative Potential Sodium dodecylbenzenesulfonate- LogPow 1.96
Low potential for bioaccumulation.

Acute Toxicity - Fish LC50 (96hr) for Lepomis macrochirus is 1.18mg/L (Sodium dodecylbenzenesulfonate)
LC50 (96hr) for Lepomis macrochirus is 300mg/L (sodium carbonate)

Acute Toxicity - Daphnia EC50 (48hr) for Daphnia pulex is 0.15 mg/L (Sodium dodecylbenzenesulfonate)
EC50 (48hr) for Daphnia magna is 365 mg/L (sodium carbonate)

Acute Toxicity - Algae IC50 (72hr) for Pseudokirchneriella subcapitata is 112.4 mg/L

Section 13 - Disposal Considerations

Product Disposal Dispose of product only by using according to the label, or at an approved landfill.

Container Disposal Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

Section 14 - Transport Information

Transport Information It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

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Storage and Transport	Not classified as Dangerous Goods for transport in New Zealand.
Other Information	Segregation: Check the latest Land Transport Rule Dangerous Goods Rule 45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 sea segregation for details.

Section 15 - Regulatory Information

National and or International Regulatory Information	Approved pursuant to the HSNO Act 1996, Approval Code HSR002503 See www.epa.govt.nz for approval controls. This product does not require registration under the ACVM Act.
Packaging and Labelling	KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS	March 2020.
Contact Person/Point	IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE 24Hr Tollfree Emergency No: 0800 651 911 24Hr Emergency No: National Poisons Centre Phone: 0800 764 766
Revisions Highlighted	Various changes and updates made to the document to comply with GHS7. ...End Of MSDS...

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