

Infosafe No™ 3NV4H	Issue Date : March 2020	ISSUED by NUFARMNZ
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 Product Name **TANK & EQUIPMENT CLEANER**

Not classified as hazardous

1. Identification

GHS Product Identifier	TANK & EQUIPMENT CLEANER
Product Code	04710
Product Type	Cleaner
Company Name	Nufarm NZ
Address	6 Manu Street, Otahuhu Auckland 2024 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency phone number	0800 651 911
Email	nzinfo@nufarm.com
Recommended use of the chemical and restrictions on use	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.

2. Hazard Identification

Signal Word (s)	DANGER
Hazard Statement (s)	H303 May be harmful if swallowed. H316 Causes mild skin irritation. H318 Causes serious eye damage.
General Precautionary Statement (s)	P102 Keep out of reach of children. P103 Read label before use.
Pictogram (s)	Corrosion, The below pictogram is a GHS Hazard symbol for workplace use only. See SECTION 14 for Dangerous Goods information.
	
Precautionary statement – Prevention	P280 Wear protective gloves/protective clothing/eye protection/face 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 or doctor/physician. P332+P313 If skin irritation occurs: Get medical advice/attention. P501 Dispose of contents/container as per the label instructions.
Precautionary statement – Disposal	
Other Information	6.1E acute toxicant, 6.3B skin irritant, 8.3A eye corrosive,

3. Composition/information on ingredients

Chemical Characterization	Solid		
Ingredients	<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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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.
Eye contact	Remove contaminated clothing and launder before re-use. 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.

5. Fire-fighting 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 Temp.	Information not available.
Other Information	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

6. Accidental release measures

Spills & 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.

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: Not required. It is the duty of the PCBU that a person who uses, handles, manufactures or stores TANK AND EQUIPMENT CLEANER (including hazardous waste) is provided information, instruction and training in accordance with Regulation 4.5 of the Health and Safety at work (Hazardous substances) Regulations 2017. TRACKING: Not required. RECORD KEEPING: 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. Stores containing 1000kg of TANK & EQUIPMENT CLEANER are subject to signage, and more than 10,000 kg require emergency response plan.
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

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quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

8. Exposure controls/personal protection

Occupational exposure limit values	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.

9. Physical and chemical properties

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

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.
Incompatible Materials	None known based on information supplied.
Hazardous Decomposition Products	None known based on information supplied.

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.

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Ingestion	LD50 (rat) 438 mg/kg for Sodium dodecylbenzenesulphonate. May be harmful if swallowed.
Inhalation	No known significant effects or hazards.
Skin	Causes mild skin irritation.
Eye	Causes serious eye damage.
Respiratory sensitisation	Information not available.
Skin Sensitisation	Information not available.
Germ cell mutagenicity	Information not available.
Carcinogenicity	Information not available.
Reproductive Toxicity	Information not available.
STOT-repeated exposure	Information not available.
Aspiration Hazard	Information not available.

12. Ecological information

Ecotoxicity	This product is not classified as environmentally hazardous.
Persistence and degradability	Information not available.
Mobility	Information 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

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. Crush and bury in suitable landfill.

14. Transport information

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

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 & Labelling	KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

16. Other Information

Date of preparation or last revision of SDS	March 2020.
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Safety Data Sheet

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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 First Issue
Highlighted

...End Of MSDS...

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