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| Infosafe No™ 3NV4H | Issue Date : April 2024 | ISSUED by NUFARMNZ |
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Product Name **TANK & EQUIPMENT CLEANER**

Classified as hazardous

Section 1 - Identification

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| 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

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| 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 |



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| 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

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| 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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Section 4 - First Aid Measures

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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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