

Infosafe No™ 3NV4K Issue Date : January 2024 ISSUED by NUFARM

Product Name **FOAM WRECKER**

Not classified as hazardous

## Section 1 - Identification

<b>Product Identifier</b>	FOAM WRECKER
<b>Product Code</b>	04290
<b>Product Type</b>	Antifoam
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150
<b>Emergency Phone Number</b>	0800 651 911
<b>Email</b>	nzinfo@nufarm.com
<b>Recommended uses and any restrictions on use or supply</b>	Anti-foam agent additive for agricultural chemicals.
<b>Other Information</b>	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** Eye irritation Category 2, Reproductive toxicity Category 2.

**Signal Word (s)** WARNING

**Hazard Statement (s)** H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.

**Precautionary Statement – General** Keep out of reach of children.  
Read label before use.

**Pictogram (s)** Health hazard,



**Precautionary Statement – Prevention** P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P264 Wash hands and exposed skin thoroughly after handling.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.

P281 Use personal protective equipment as required.  
**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.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

**Precautionary Statement – Storage** P405 Store locked up.

**Precautionary Statement – Disposal** P501 Dispose of contents/container as specified in the label.

## Section 3 - Composition and Information on Ingredients

**Chemical Characterization** Liquid

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Ingredients	Name	CAS	Proportion
	Polydimethylsiloxane	63148-62-9	10-30 %
	Silica filled	67762-90-7	3-7 %
	polydimethylsiloxane		
	Octamethylcyclotetrasiloxane	556-67-2	0.1-1 %
	Other ingredients	-	to 100%

## Section 4 - First Aid Measures

<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
<b>Eye</b>	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.
<b>First-aid Facilities</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
<b>Advice to Doctor</b>	Treat symptomatically.

## Section 5 - Firefighting Measures

<b>Suitable Extinguishing Media</b>	Water fog, foam, carbon dioxide or dry chemical.
<b>Special protective equipment for fire-fighters</b>	Full protective clothing and self-contained breathing apparatus.
<b>Specific Methods</b>	Keep up wind. Do not allow washings to reach sewage or effluent systems. Keep containers cool with water spray.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Decomposition Temperature</b>	Information is not available.
<b>Other Information</b>	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

## Section 6 - Accidental Release Measures

<b>Spills and Disposal</b>	Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## Section 7 - Handling and Storage

<b>Handling and Storage</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and inhalation of spray mist. CERTIFIED HANDLER: Is not required. It is the duty of the PCBU that a person who uses, handles, manufactures or stores FOAM MARKER (including hazardous waste) is provided

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<b>Conditions for safe storage, including any incompatibilities</b>	information, instruction and training in accordance with Regulation 4.5 of the Health and Safety at work (Hazardous substances) Regulations 2017. TRACKING: Is not required. RECORD KEEPING: Is not required.
<b>Other Information</b>	Store locked up and in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds and fertilizers. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Store between 2-26°C. 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 Management of Agrichemicals and the HSNO Regulations.

## Section 8 - Exposure Controls and Personal Protection

<b>Occupational Exposure Limits (OEL)</b>	Sodium hydroxide (Ceiling): 2mg/m <sup>3</sup> ( New Zealand Workplace Exposure Standards)
<b>Biological Limit Values</b>	Methanol Sampling Time: End of shift 15mg/L (urine) (NZ BEI) (02,2013) 2-Propanol Sampling Time: End of shift 40mg/L (urine) (ACGIH BEI, 02, 2015) (American Conference of Governmental Industrial Hygienists)
<b>Appropriate Engineering Controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.
<b>Hygiene Measures</b>	Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Wash splashes of concentrate from skin immediately.

## Section 9 - Physical and Chemical Properties

<b>Form</b>	Liquid
<b>Appearance</b>	White liquid.
<b>Odour</b>	Mild odour.
<b>Decomposition Temperature</b>	Information is not available.
<b>Solubility in Water</b>	Dispersible.
<b>pH</b>	6.5-8
<b>Vapour Pressure</b>	Information is not available.
<b>Vapour Density (Air=1)</b>	Information is not available.
<b>Odour Threshold</b>	Information is not available.
<b>Partition Coefficient: n-octanol/water</b>	Information is not available.
<b>Density</b>	1g/m <sup>3</sup> (25°C)
<b>Flash Point</b>	>100°C
<b>Flammability</b>	Not flammable.
<b>Auto-ignition Temperature</b>	Not applicable.

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<b>Flammable Limits - Lower</b>	Information is not available.
<b>Flammable Limits - Upper</b>	Information is not available.
<b>Initial Boiling Point and Boiling Range</b>	ca. 100°C
<b>Kinematic Viscosity</b>	Information is not available.
<b>Particle Characteristics</b>	Information is not available.
<b>Relative Density</b>	Information is not available.
<b>Melting/Freezing Point</b>	Freezing Point: ca. 0°C

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Conditions to Avoid</b>	High temperature or temperature changes may cause separation of water and oil components . Dilution with hard water may lead to instability.
<b>Hazardous Decomposition Products</b>	After evaporation of water, combustion will generate carbon dioxide, silicon dioxide, formaldehyde. Measurements at temperatures above 150°C in presence of air have shown that small amounts of formaldehyde are formed due to oxidative degradation.
<b>Possibility of Hazardous Reactions</b>	Keep away from strong oxidising agents.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## Section 11 - Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >5,000 mg/kg for polydimethylsiloxane LD50 (rat) >4,800mg/kg for octamethylcyclotetrasiloxane.
<b>Acute Toxicity - Inhalation</b>	LC (rat, male and female, 4h): 36mg/L for octamethylcyclotetrasiloxane.
<b>Acute Toxicity - Dermal</b>	LD50 (rat): >2,375 mg/kg for octamethylcyclotetrasiloxane.
<b>Ingestion</b>	Information not available.
<b>Inhalation</b>	Information not available.
<b>Skin Corrosion/Irritation</b>	Not a skin irritant.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation.
<b>Skin Sensitisation</b>	Information not available.
<b>Germ Cell Mutagenicity</b>	Octamethylcyclotetrasiloxane: Ames test (OECD Guideline 471 (genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay): negative (not mutagenic) Mouse Lymphoma Assay (OECD Guideline 476): Negative (not mutagenic ) Chromosomal aberration (OECD-Guideline 474 (Genetic Technology: Micronucleus Test)) Inhalation (Rat, male and female): Negative.
<b>Carcinogenicity</b>	Information is not available.
<b>Reproductive Toxicity</b>	Suspected of being a reproductive toxicant.
<b>STOT - Repeated Exposure</b>	Information is not available.
<b>Aspiration Hazard</b>	Information is not available.

## Section 12 - Ecological Information

<b>Ecotoxicity</b>	Information is not available.
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<b>Persistence and Degradability</b>	Information is not available.
<b>Mobility</b>	Information is not available.
<b>Bioaccumulative Potential</b>	Octamethylcyclotetrasiloxane: Fathead Minnow, Bioconcentration Factor (BCF): 12.40
<b>Other Adverse Effects</b>	Information is not available.
<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

## Section 13 - Disposal Considerations

<b>Product Disposal</b>	Dispose of product only by using according to the label, or at an approved landfill.
<b>Container Disposal</b>	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

<b>Transport Information</b>	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
<b>Storage and Transport</b>	Not classified as Dangerous Goods for transport in New Zealand.
<b>Other Information</b>	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

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

## Section 16 - Any Other Relevant Information

<b>Date of preparation or last revision of SDS</b>	March 2020.
<b>Contact Person/Point</b>	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
<b>Revisions Highlighted</b>	Various changes and updates made to the document to comply with GHS7.  ...End Of MSDS...

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