

Infosafe No™ 3NV4K	Issue Date : March 2020	ISSUED by NUFARM
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 Product Name **FOAM WRECKER**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	FOAM WRECKER
<b>Product Code</b>	04290
<b>Product Type</b>	Antifoam.
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	6 Manu Street, Otahuhu Auckland 2024 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 use of the chemical and restrictions on use</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.

## 2. Hazard Identification

<b>Signal Word (s)</b>	WARNING
<b>Hazard Statement (s)</b>	H316 Causes mild skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child.
<b>General Precautionary Statement (s)</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.
<b>Pictogram (s)</b>	Exclamation mark, Health hazard, The below pictograms are GHS Hazard symbols for workplace use only. See SECTION 14 for Dangerous Goods information.
	 
<b>Precautionary statement – Prevention</b>	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, clothing, eye and face protection. P281 Use personal protective equipment as required.
<b>Precautionary statement – Response</b>	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. P332+P313 If skin irritation occurs: Get medical advice/attention. P308+P313 IF exposed or concerned: Get medical advice/attention.
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container as specified in the label.
<b>Other Information</b>	6.3B skin irritant, 6.4A eye irritant, 6.8B reproductive or developmental toxicant,

## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Polydimethylsiloxane	63148-62-9	10-30 %

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Silica filled polydimethylsiloxane	67762-90-7	3-7 %
Octamethylcyclotetrasiloxane	556-67-2	0.1-1 %
Other ingredients	-	to 100%

#### 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 contact</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.

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

#### 6. Accidental release measures

<b>Spills &amp; 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.

#### 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and inhalation of spray mist. CERTIFIED HANDLER: Not required. It is the duty of the PCBU that a person who uses, handles, manufactures or stores FOAM WRECKER (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.
<b>Conditions for safe storage, including any incompatibilities</b>	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.
<b>Other Information</b>	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds:

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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.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</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.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	White liquid.
<b>Odour</b>	Mild odour.
<b>Decomposition Temperature</b>	Information not available.
<b>Freezing Point</b>	ca. 0°C
<b>Boiling Point</b>	100°C (water)
<b>Solubility in Water</b>	Dispersible.
<b>pH</b>	6.5-8
<b>Vapour Pressure</b>	Information not available.
<b>Vapour Density (Air=1)</b>	Information not available.
<b>Partition Coefficient: n-octanol/water</b>	Information 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.
<b>Flammable Limits - Lower</b>	Information not available.
<b>Flammable Limits - Upper</b>	Information not available.
<b>Initial boiling point and boiling range</b>	ca. 100°C
<b>Kinematic Viscosity</b>	Information not available.
<b>Relative density</b>	Information not available.

## 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

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<b>Hazardous Decomposition Products</b>	components . Dilution with hard water may lead to instability. 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.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >5,000 mg/kg for polydimethylsiloxane LD50 (rat) >4,800 mg/kg for octamethylcyclotetrasiloxane.
<b>Acute Toxicity - Dermal</b>	LD50 (rat): >2,375 mg/kg for octamethylcyclotetrasiloxane.
<b>Acute Toxicity - Inhalation</b>	LC (rat, male and female, 4h): 36 mg/L for octamethylcyclotetrasiloxane.
<b>Ingestion</b>	Information not available.
<b>Inhalation</b>	Information not available.
<b>Skin</b>	Skin irritant.
<b>Eye</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 not available.
<b>Reproductive Toxicity</b>	Suspected of being a reproductive tox.
<b>STOT-repeated exposure</b>	Information not available.
<b>Aspiration Hazard</b>	Information not available.

## 12. Ecological information

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

## 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.

## 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.

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## 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 &amp; Labelling</b>	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.

**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  
N/A. First Issue.

**Revisions Highlighted**

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