

Infosafe No™ 3NV4G	Issue Date : March 2020	ISSUED by NUFARM
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 Product Name **FOAM MARKER**

Not classified as hazardous

1. Identification

GHS Product Identifier	FOAM MARKER
Product Code	04285
Product Type	Foam Marker
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	A white foam marker for use with agricultural spraying.
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)	WARNING
Hazard Statement (s)	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure. H413 May cause long lasting harmful effects to aquatic life.
General Precautionary Statement (s)	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
Pictogram (s)	P103 Read label before use. Exclamation mark, Health hazard, The below pictograms are GHS Hazard symbols for workplace use only. See SECTION 14 for Dangerous Goods information.



Precautionary statement – Prevention	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands and exposed skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves, clothing, eye and 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. P337+P313 If eye irritation persists: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P314 Get medical advice/attention if you feel unwell.
Precautionary statement – Disposal	P501 Dispose of contents/container as specified in the label.
Other Information	6.3A skin irritant, 6.4A eye irritant, 6.5B sensitiser, 6.9B target organ toxicant, 9.1D aquatic toxicant,

3. Composition/information on ingredients

Chemical Characterization	Liquid
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Sodium Alkyl Ether Sulfate	68585-34-2	289 g/L
Fatty Alcohol		41 g/L
Glycol Ether		10-30 %
Benzisothiazolinone	2634-33-5	<1%
Water and minor components	N/A	30-60%

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	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.
Eye contact	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	If involved in a fire, the dehydrated components may emit oxides of sulphur and oxides of carbon.
Products	
Special Protective Equipment for fire fighters	Full protective clothing and self-contained breathing apparatus.
Specific Methods	Keep up wind. Do not allow washings to reach sewage or effluent systems. Keep containers cool with water spray.
Specific hazards arising from the chemical	Considered low risk due to water content, however upon evaporation of water the product is combustible.
Decomposition Temp.	N/A
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. 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.
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 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 MARKER (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.
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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 1000L of FOAM MARKER are subject to secondary containment and emergency response plan and more than 10,000L are subject to signage.
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 Management of Agrichemicals and the HSNO Regulations.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standards have been set for this product.
Appropriate engineering controls	Handle in well ventilated areas, generally natural ventilation is adequate.
Personal Protective Equipment	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.
Hygiene Measures	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

Form	Liquid
Appearance	Clear liquid.
Decomposition Temperature	N/A
Freezing Point	Information not available.
Boiling Point	100°C (water)
Solubility in Water	Completely miscible in water
Specific Gravity	1.02
pH	7.5-8.5 (5% aqueous)
Vapour Pressure	Information not available.
Vapour Density (Air=1)	Information not available.
Volatile Component	75% approx.
Partition Coefficient: n-octanol/water	Information not available.
Flash Point	N/A
Flammability	Non flammable
Auto-Ignition Temperature	N/A
Flammable Limits - Lower	N/A
Flammable Limits - Upper	N/A
Initial boiling point and boiling range	100°C
Kinematic Viscosity	Information not available.

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of handling and storage.
Possibility of hazardous reactions	Keep away from strong oxidising agents.

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Hazardous Polymerization Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral LD50 (rat) 1995 mg/kg for sodium laureth sulfate

Ingestion Ingestion of the concentrate in relatively large amounts can result in headache, nausea, lethargy, motor weakness and incoordination. If aspirated into the lung, e.g. from vomiting, the presence of surfactants may result in chemical pneumonitis or other lung damage.

Inhalation The components of the product are of low volatility and no adverse effects are expected from handling the concentrate. However, care should be taken to avoid the inhalation of excessive amounts of spray mist during field spraying, respiratory irritation may occur.

Skin Prolonged contact with the concentrate may cause irritation. Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis. Prolonged contact with the concentrate may result in absorption of butyl diglycol in harmful amounts.

Eye Causes serious eye irritation.

Skin Sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Information not available.

Carcinogenicity Information not available.

Reproductive Toxicity Information not available.

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Chronic Effects No information available, no chronic effects expected.

Serious eye damage/irritation The product is a severe eye irritant.

Skin corrosion/irritation The product is a skin irritant.

12. Ecological information

Ecotoxicity Information not available.

Persistence and degradability Information not available.

Mobility Information not available.

Bioaccumulative Potential Information not available.

Other Precautions Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

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.

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 Do not carry this product on a passenger service vehicle. 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



Safety Data Sheet

infosafe
CS: 1.7.2

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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 & 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.

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

...End Of MSDS...

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