

Infosafe No™ 3NU3M	Issue Date : November 2014	ISSUED by NUFARM
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 Product Name **FOAM MARKER Pink**

Classified as hazardous

1. Identification

GHS Product Identifier	FOAM MARKER Pink
Product Code	3353
Product Type	Foam Marker
Company Name	NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)
Address	103-105 Pipe Road Laverton North Victoria 3026 Australia
Telephone/Fax Number	Tel: +61 3 9282-1000 Fax: +61 3 9282-1001
Emergency phone number	1800 033 498 (24hr Australia)
Recommended use of the chemical and restrictions on use	A pink foam marker for use with agricultural spraying.
Other Information	This Safety Data Sheet 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

GHS classification of the substance/mixture	ED2A Eye Damage/Irritation: Category 2A SC-2 Skin Corrosion/Irritation: Category 2
Signal Word (s)	WARNING
Hazard Statement (s)	H319 Causes serious eye irritation. H315 Causes skin irritation.
General Precautionary Statement (s)	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.
Pictogram (s)	Exclamation mark



Precautionary statement – Prevention	P264 Wash hands and exposed skin thoroughly after handling. 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.
Other Information	Poisons Schedule : Not Scheduled

3. Composition/information on ingredients

Chemical Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Alkyl Ether Sulfate	68585-34-2	289 g/L
	Fatty Alcohol		41 g/L
	Rhodamine B Dye		0-3 %

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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Glycol Ether		10-30 %
	Water and minor components	N/A	30-60 %

4. First-aid measures

Inhalation	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
Ingestion	If swallowed DO NOT induce vomiting. Rinse mouth thoroughly with water. Give a glass of water. Obtain medical advice.
Skin	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye contact	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice.
First Aid Facilities	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
Advice to Doctor	Treat symptomatically. If vomiting occurs, surfactant present may cause pulmonary pneumonitis.

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.
Special Protective Equipment for fire fighters	Breathable air apparatus may have to be worn in confined spaces.
Specific hazards arising from the chemical	Considered low risk due to water content, however upon evaporation of water the product is combustible.

6. Accidental release measures

Spills & Disposal	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.

7. Handling and storage

Precautions for Safe Handling	Do NOT contaminate dams, rivers or streams, or any other water bodies with chemical or used containers.
Conditions for safe storage, including any incompatibilities	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standards have been set for this product.
Appropriate engineering controls	Natural ventilation is sufficient when handling concentrate and preparing spray solution.
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	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

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After each day's use, wash contaminated clothing and safety equipment.

9. Physical and chemical properties

Form	Liquid
Appearance	Pink liquid.
Boiling Point	100°C (water)
Solubility in Water	Completely miscible in water
Specific Gravity	1.01
Volatile Component	75% approx.
Flammability	Non flammable

10. Stability and reactivity

Possibility of hazardous reactions	Keep away from strong oxidising agents.
Hazardous Polymerization	Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral	LD50 (rat) 1995 mg/kg for sodium laureth sulfate LD50 (rat) >6560 mg/kg for butyl diglycol LD50 (rat) >5000 mg/kg for dodecanol
Acute Toxicity - Dermal	LD50 (rat) 2800 mg/kg for butyl diglycol
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	The concentrate may cause irritation of the eyes unless washed off immediately.
Chronic Effects	No information available, no chronic effects expected.
Serious eye damage/irritation	This product is a severe eye irritant.
Skin corrosion/irritation	The product is a skin irritant.

12. Ecological information

Short Summary of Assessment of Environmental Impact	The material is biodegradable as determined by Australian Standard AS1792-1976.
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	On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).
Container Disposal	Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank.

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Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

Empty containers and product should not be burnt.

drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

14. Transport information

15. Regulatory information

Poisons Schedule	Not Scheduled
Packaging & Labelling	KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Other Information	This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 57912.

16. Other Information

Date of preparation or last revision of SDS	Revised 18/11/2014. This SDS replaces document dated July 2010.
Contact Person/Point	Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000 After Hours: Shift Supervisor Phone: 1800 033 498
Revisions	The SDS was reviewed to include GHS requirements.
Highlighted	...End Of MSDS...

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