



Infosafe No™ 3NU3M	Issue Date : July 2010	ISSUED by NUFARM
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Product Name **FOAM MARKER Pink**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	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	
Emergency Tel.	1800 033 498 (24hr Australia)	
Telephone/Fax Number	Tel: +61 3 9282-1000 Fax: +61 3 9282-1001	
Recommended Use	A pink foam marker for use with agricultural spraying.	
Other Names	<u>Name</u>	<u>Product Code</u>
	Pink Marking Foam	5026
Other Information	This MSDS 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. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.	
Risk Phrase(s)	Classified as hazardous R38 Irritating to skin. R41 Risk of serious damage to eyes.	
Safety Phrase(s)	S13 Keep away from food, drink and animal feeding stuffs. S2 Keep out of reach of children. S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
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
	Water and minor components	N/A	30-60 %
	Fatty Alcohol		41 g/L
	Glycol Ether		10-30 %
	Rhodamine B Dye		0-3 %

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.

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Eye	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 Products	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	Considered low risk due to water content, however upon evaporation of water the product is combustible.
Emergency Action in case of Fire	If exposed to fire, keep container cool by spraying with water.

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	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

National Exposure Standards	No exposure standards have been set for this product.
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. 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

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Hazardous Reactions Keep away from strong oxidising agents.**Hazardous Polymerization** Hazardous polymerisation is not possible.

11. TOXICOLOGICAL INFORMATION

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.

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.

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.

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

Eye Irritation This product is a severe eye irritant.

Skin 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 rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. 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. 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.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled



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Packaging & Labelling	KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Hazard Category	Irritant
AICS (Australia)	All of the components in this product are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS Revised 13/07/2010

Contact Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000

Person/Point After Hours: Shift Supervisor Phone: 1800 033 498

Revisions See risk and safety phrases.

Highlighted

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