

Infosafe No. NU0AF Issue Date : December 2005 ISSUED by NUFARM

Product Name : **Spraymate FOAM MARKER White**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name Spraymate FOAM MARKER White
Product Code 3348
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. 24hr 1800 033 498
Telephone/Fax Number Tel: (03) 9282-1000 Fax: (03) 9282-1001
Recommended Use A white foam marker for use with agricultural spraying.
Other Names Name Product Code
 White Marking Foam 5024
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 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) R36/38 Irritating to eyes and skin.
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 %

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 If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.
 Seek medical advice.

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First Aid Facilities If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26 (Australia).

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.

Speical 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.

Hazchem Code None Allocated

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.

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 Clear 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

Hazardous Reactions Keep away from strong oxidising agents.

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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 The product is an 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 (ChemCollect).

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

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated



Material Safety Data Sheet

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Product Name : **Spraymate FOAM MARKER White**

Storage and Transport Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

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

Contact Person/Point Normal Hours: Mr Volker Maier Phone: (03) 9282 1000
After Hours: Shift Supervisor Phone: 1800 033 498

Revisions Highlighted The MSDS was reviewed. Minor changes were made to the information.
Description of active ingredients changed to match the label.
...End Of MSDS...