

Infosafe No™ 3NUEL	Issue Date : March 2014	ISSUED by NUFARM
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Product Name **Wetter TX Surfactant**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Wetter TX Surfactant
Product Code	3341
Product Type	Surfactant
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 non-ionic surfactant for use with Weedmaster DST, Weedmaster Argo, Weedmaster Duo, Weedmaster Dry, Nufarm Glyphosate Ct herbicide and Nufarm Glyphosate 540 herbicide when treating annual ryegrass, silvergrass and perennial grasses as per the Directions for Use table on the label.
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. 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 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. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label.
Other Information	Poisons Schedule : Not Scheduled

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Octyl phenol ethoxylate	9036-19-5	1040 g/L

4. FIRST AID MEASURES

Inhalation	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
Ingestion	Rinse mouth and then drink plenty of water. If vomiting occurs, give more water to drink to assist dilution. Do not give anything by mouth to a semi-conscious or unconscious person. If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26 (Aust). Make every effort to prevent vomit from entering the lungs by careful placement of the patient.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with 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.

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Advice to Doctor Seek medical advice.
 Treat symptomatically.
 If vomiting occurs, surfactant present may cause pulmonary pneumonitis.

5. FIRE FIGHTING MEASURES

Suitable Water fog, foam, carbon dioxide or dry chemical.

Extinguishing Media

Hazards from Combustion May emit hazardous smoke and fumes if involved in fires or exposed to extreme heat.

Products

Special Protective Equipment for fire fighters Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.

Other Information STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

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.
 On-site disposal of concentrate is not acceptable.

Personal Protection For appropriate personal protective equipment (PPE), refer Section 8.

Environmental Precautions Prevent from entering drains, waterways or sewers.

7. HANDLING AND STORAGE

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 or the active ingredients.

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 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.

Requirements Concerning Special Training Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Appearance Clear liquid

Solubility in Water Disperses in water.

Specific Gravity 1.046

pH Value 6-8

Volatile Component 0%

Flash Point >150°C

Flammability Combustible liquid C2.

10. STABILITY AND REACTIVITY

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Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Excessive heat and fire.
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	Swallowing may cause discomfort and irritation of the gastric intestinal tract. Ingestion leading to vomiting is hazardous; aspiration of the product into the lungs may result in chemical pneumonitis or pulmonary oedema.
Skin	Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis. Will irritate the skin.
Eye	The concentrate will cause severe irritation and possible damage unless washed off immediately.
Chronic Effects	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
Acute Toxicity - Oral	LD50 (rat) >2,000 mg/kg for a similar product
Acute Toxicity - Dermal	LD50 (rat) >2,000 mg/kg for a similar product
Eye Irritation	The product is an eye irritant.
Skin Irritation	The product is a skin irritant.

12. ECOLOGICAL INFORMATION

Persistence / Degradability	Not readily biodegradable.
Other Precautions	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
Acute Toxicity - Fish	LC50 (96hr) for bluegill sunfish is 2.8 - 3.2 mg/l.

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	Do not use this container for any other purpose. Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, puncture or shred and bury containers in 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.

14. TRANSPORT INFORMATION

Transport Information Storage and Transport	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs. Considered non dangerous for road and rail transport (in packaging, including IBCs not greater than 3000 Lt each) by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01.
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For bulk shipments as Class 9, use UN 3082, HazChem code 2Z.



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UN Number (Sea Transport) 3082
IMO Class/Packing Group Class 9
IMO Marine Pollutant Marine Pollutant
IMO Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains octyl phenol ethoxylate)

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

Other Information This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 56597.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS Revised 25/03/2014
This MSDS replaces document dated January 2011.

Contact Person/Point Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000
After Hours: Shift Supervisor Phone: 1800 033 498

Revisions Highlighted The MSDS was reviewed. Minor changes were made to the information.
Recommended use information changed in section 1 and container disposal information updated in section 13.
...End Of MSDS...

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