

Infosafe No™ 3NU1Z	Issue Date : May 2020	ISSUED by NUFARM
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Product Name **Designer® Enhanced Wetter and Sticker**

Not classified as hazardous

1. Identification

GHS Product Identifier	Designer® Enhanced Wetter and Sticker
Product Code	3370
Product Type	Surfactant/Sticker
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
Emergency phone number	1800 033 498 (24hr Australia)
E-mail Address	SDSANZ@nufarm.com
Recommended use of the chemical and restrictions on use	For use with low volume application to enhance the spreading and foliage deposition of fungicides, insecticides, plant growth regulators and foliar nutrients.
Other Information	This Safety Data Sheet describes the properties of the concentrated product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.

2. Hazard Identification

GHS classification of the substance/mixture	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Precautionary statement – General	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.
Other Information	Poisons Schedule : Not Scheduled Not classified as a hazardous chemical under the GHS criteria.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Organosilicone Surfactant Fluid	34398-01-1	385 g/L
	Synthetic Latex		255 g/L

4. First-aid measures

Inhalation	If symptoms develop or persist, seek medical advice.
Ingestion	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. Give a glass of water.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water.
Eye contact	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice if irritation develops or persists.
First Aid Facilities	Provide facilities for eye washing and showering, especially at places where the concentrate is being handled.
Advice to Doctor	Treat symptomatically. If vomiting occurs, surfactant present may cause pulmonary pneumonitis. If lavage is performed, suggest endotracheal and /or oesophagospic control. Care must be taken with gastric lavage due to the aspiration hazard associated with this product.

5. Fire-fighting measures

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Suitable extinguishing media	Water fog, foam, carbon dioxide or dry chemical. If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material. Avoid using large volumes of water which would spread the product.
Hazards from Combustion Products	Non-combustible. If involved in a fire, the dehydrated components may emit Oxides of silicon and oxides of carbon.
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 in sealed open top 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

Precautions for Safe Handling	No special precautions are necessary when handling sealed containers. For personal protective equipment (PPE) and hygiene advice, refer Section 8.
Conditions for safe storage, including any incompatibilities	Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standard has been established for this product.
Appropriate engineering controls	Natural ventilation is sufficient when handling concentrate and preparing spray solution.
Eye Protection	Wear face shield.
Hand Protection	PVC, neoprene or natural rubber gloves.
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	White emulsion
Odour	Mild
Boiling Point	~100°C (water)
Solubility in Water	Disperses in water.
Specific Gravity	1.03
pH	7 - 8
Flash Point	>100°C
Flammability	Combustible liquid C2. (AS1940 - 2017). A C2 combustible liquid is not a combustible liquid within the meaning of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

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10. Stability and reactivity

Chemical Stability	Stable under normal conditions.
Incompatible Materials	Will break down rapidly when mixed with highly acidic or highly alkaline chemicals.
Hazardous Polymerization	Hazardous polymerisation is not possible.

11. Toxicological Information

Toxicology Information	No harmful effects are expected if the precautions on the label and this MSDS are followed.
Acute Toxicity - Oral	LD50 (rat) >2000 mg/kg
Acute Toxicity - Dermal	LD50 (rabbit) >2000 mg/kg
Acute Toxicity - Inhalation	No data available.
Ingestion	The concentrate is of low toxicity if swallowed. If aspirated into the lung, e.g. from vomiting, the presence of surface active agents may result in chemical pneumonitis or other lung damage. Symptoms of poisoning by the oral route of a formulation component included depression, rapid shallow breathing, diarrhoea, hunched posture and squinting in the rat. Symptoms of poisoning by the dermal route included slight reddening of the skin.
Inhalation	Not a likely route of exposure when handling the concentrate.
Skin	May irritate the skin. Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis.
Eye	The concentrate may cause irritation of the eyes.
Carcinogenicity	Data indicates no carcinogenic effects.
Reproductive Toxicity	Data indicates no reproductive effects. Data indicates no teratogenic effects.
Chronic Effects	No information available, no chronic effects expected.
Serious eye damage/irritation	The product is an eye irritant.
Mutagenicity	Data indicates no mutagenic effects.
Skin corrosion/irritation	Mild to moderate skin irritant.

12. Ecological information

Known Harmful Effects on the Environment	This, and related products do not appear to pose any threat to birds. This, and related products do not appear to pose any threat to fish or other aquatic organisms other than in very high concentrations.
Other Precautions	Do not contaminate dams, waterways or sewers with this product.
Acute Toxicity - Fish	Not toxic to fish. LC50 (96 hr) for fish is >100 mg/l.
Acute Toxicity - Other Organisms	Birds: Not toxic to birds. LD50 for quail is >2000 mg/kg

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.

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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.
 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

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

Other Information This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 58920.

16. Other Information

Date of preparation or last revision of SDS Revised 22/05/2020
 This SDS replaces document dated April 2015.

Contact Person/Point Normal Hours: SDS Coordinator Phone: +61 3 9282 1000
 Email : SDSANZ@nufarm.com

Revisions Highlighted Revised contact details and combustible liquid classification.

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 ...End Of MSDS...

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