

Infosafe No™ 3NUCY	Issue Date : August 2016	ISSUED by NUFARM
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 Product Name **BONZA Spray Adjuvant**

Not classified as hazardous

1. Identification

GHS Product Identifier	BONZA Spray Adjuvant
Product Code	3395
Product Type	Adjuvant
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 specially formulated blend of paraffin oil to enhance the wetting, spreading and uptake of systemic Herbicides through waxy leaf surfaces; with other herbicides and agricultural chemicals to improve wetting and spreading; as an aid for modifying spray droplet quality and to preserve droplet survival as specified in the Directions for Use table on the label.
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	Not classified as hazardous under the GHS criteria. NON-DANGEROUS GOODS. Dangerous goods classification according to the Australia Dangerous Goods Code.
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.
Other Information	Poisons Schedule S5

3. Composition/information on ingredients

Chemical Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Paraffin Oil	64742-54-7	471 g/L
	Other ingredients (considered non-hazardous)		30-60 %

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 poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
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 immediately.
Advice to Doctor	Treat symptomatically. If vomiting occurs, mineral oil and surfactants present may cause pulmonary pneumonitis. Pulmonary oedema is possible and may be delayed. The symptoms of lung oedema often do not become manifest until a few hours have passed; they are aggravated by physical effort. Rest and medical observation is therefore essential.

5. Fire-fighting measures

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Suitable extinguishing media	Water, foam, carbon dioxide or dry chemical.
Hazards from Combustion Products	If involved in a major fire, could evolve oxides of carbon or nitrogen.
Special Protective Equipment for fire fighters	Breathable air apparatus should be worn when fighting a fire in which this product is involved.
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.
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. Safe Work Australia has set the following exposure standard for refined mineral oil mist : TLV (TWA) 5 mg/m ³ , STEL -.
Appropriate 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 rubber 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.
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 amber liquid
Solubility in Water	Disperses in water.
Specific Gravity	0.875
pH	5.5 - 6 (1% solution)
Flash Point	104°C
Flammability	Combustible liquid C1.

10. Stability and reactivity

Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Hazardous polymerisation is not possible.

11. Toxicological Information

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Acute Toxicity - Oral	No data available.
Acute Toxicity - Dermal	No data available.
Acute Toxicity - Inhalation	No data available.
Ingestion	May cause irritation to mouth, throat and stomach. Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury. If aspirated into the lung, e.g. from vomiting, the presence of mineral oil and nonionic surfactants may result in chemical pneumonitis or other lung damage.
Inhalation	Not a likely route of exposure when handling the concentrate.
Skin	Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis.
Eye	A mild eye irritant.
Chronic Effects	No information available, no chronic effects expected.
Serious eye damage/irritation	Mild eye irritant.
Skin corrosion/irritation	Mild skin irritant.

12. Ecological information

Short Summary of Assessment of Environmental Impact	The product contains a surfactant.
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	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, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Empty containers and product should not be burnt. Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage. 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

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 transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Regulatory Information	Australia: WHS regulations (2011) - Schedule 11: classification not listed.
Poisons Schedule	S5
Packaging & Labelling	CAUTION 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: 60462.

16. Other Information

Date of preparation or last revision of SDS	Revised 19/08/2016 This SDS replaces version dated March 2014.
Contact Person/Point	Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000 After Hours: Shift Supervisor Phone: 1800 033 498
Revisions Highlighted	The SDS was reviewed to include GHS requirements. ...End Of MSDS...

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