

Infosafe No™ 3NUH8	Issue Date : April 2016	ISSUED by NUFARMNZ
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 Product Name **BONZA®**

1. Identification

GHS Product Identifier	BONZA®
Product Code	04230
Product Type	Adjuvant
Company Name	Nufarm NZ
Address	6 Manu Street, Otahuhu Auckland 2024 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150 Fax: 0-9-270-4159
Emergency phone number	0800 651 911
Email	info@nz.nufarm.com
Recommended use of the chemical and restrictions on use	A specially formulated blend of paraffinic oil, fatty acid penetrants and surfactant to enhance wetting, spreading and uptake of systemic herbicides; with other herbicides and agricultural chemicals to improve wetting and spreading, and as an aid for modifying spray droplet quality and to preserve droplet survival.
Other Information	This SDS 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. Hazard Identification

Other Information	6.1D acute toxicant, 6.3A skin irritant, 6.4A eye irritant TOXICITY Harmful-may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation.
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3. Composition/information on ingredients

Chemical Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Paraffinic Mineral Oil	8020-83-5	471 g/L
	fatty alcohol ethoxylate	-	<15%
	Alkyl phenol ethoxylate	-	<10%
	Ingredients determined to be non-hazardous	-	To volume

4. First-aid measures

First Aid Measures	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical attention.
Inhalation	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
Ingestion	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
Skin	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
Eye contact	Flush eyes with plenty of water for 15 minutes holding the eyelids open if necessary. Remove contact lenses if present and easy to do. Seek medical assistance.
First Aid Facilities	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

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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

Suitable extinguishing media Water fog, 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 Full protective clothing and self-contained breathing apparatus.

Specific Methods Keep up wind. Do not allow washings to reach sewage or effluent systems. Keep containers cool with water spray.

Other Information Location Certificate: Not applicable
Hazardous Atmosphere Zone: Not applicable
Number of Fire Extinguishers: Not applicable

6. Accidental release measures

Spills & Disposal Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
Wash area with water and detergent and absorb with inert material. Dispose of waste safely in an approved landfill.

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 Avoid skin and eye contact and inhalation of spray mist.
APPROVED HANDLER: Not applicable
TRACKING: Is not required
RECORD KEEPING: Not applicable

Conditions for safe storage, including any incompatibilities Keep out of reach of children.
Store in original container tightly closed in a dry cool area away from foodstuffs. Do not store for prolonged periods in direct sunlight. Storage must be in accordance with NZS8409 Management of Agrichemicals.
Stores containing 1,000L of BONZA require secondary containment and are subject to signage, and more than 1,000L require emergency response plans.

Other Information Always read the label and any attached leaflet before use.
Aggregate Storage Volume Thresholds:
When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

8. Exposure controls/personal protection

Occupational exposure limit values No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.

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 safety goggles, or face shield, waterproof gloves, cotton overalls buttoned to the neck and wrist, and boots.

Hygiene Measures Do not eat, drink or smoke while using.
Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Wash splashes of concentrate from skin immediately.

9. Physical and chemical properties

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Form	Liquid
Appearance	Amber liquid
Solubility in Water	Disperses in water
Specific Gravity	0.875
Flammability	Combustible

10. Stability and reactivity

Chemical Stability Stable under normal conditions of handling and storage.

Hazardous Polymerization Hazardous polymerisation will not occur.

11. Toxicological Information

Toxicology Information No specific toxicological data is available for this product. Data below is for constituents.

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 The concentrate will cause irritation and possible damage unless washed off immediately.

Chronic Effects No information available, no chronic effects expected.

Serious eye damage/irritation Eye irritant.

Skin corrosion/irritation Mild skin irritant.

12. Ecological information

Short Summary of Assessment of Environmental Impact This product contains a surfactant.

13. Disposal considerations

Product Disposal Dispose of product only by using according to the label, or at an approved landfill.

Container Disposal Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

14. Transport information

Transport Information It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs. Not classified as dangerous goods for transport in New Zealand.

Packaging Method -

Other Information Do not carry this product on a passenger service vehicle.

Segregation: Check the latest Land Transport Rule Dangerous Goods Rule 45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 sea segregation for details.



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15. Regulatory information

National and or International Regulatory Information Packaging & Labelling Hazard Rating Systems This product does not require registration under the ACVM Act.
Approved pursuant to the HSNO Act 1996, Approval Code HSR002503
See www.epa.govt.nz for approval controls.
HARMFUL - keep out of reach of children
NFPA/HMIS: 2-1-0

16. Other Information

Contact Person/Point IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE
24Hr Tollfree Emergency No: 0800 651 911
24Hr Emergency No: National Poisons Centre Phone: 0800 764 766

Revisions Highlighted It is not classified as Dangerous goods for transport in New Zealand as class 9 DG classification has been dropped off. Various changes have been made in the SDS to reflect that.

Other Information Supersedes SDS issued October 2015
...End Of MSDS...

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