

Infosafe No™ 3NV6L	Issue Date : June 2022	APPROVED by NUFARMNZ
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 Product Name **Bonza@Gold**

Not classified as hazardous

1. Identification

GHS Product Identifier	Bonza@Gold
Product Code	04240
Product Type	Adjuvant
Company Name	Nufarm NZ
Address	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency phone number	0800 651 911
E-mail Address	nzinfo@nufarm.com
Recommended use of the chemical and restrictions on use	A blend of esterified oil with emulsifiers and surfactants to enhance wetting and spreading of agricultural chemicals, uptake of systemic herbicides 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

GHS classification of the substance/mixture	Not classified as hazardous under the GHS criteria.
Precautionary statement – General	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ethyl esters of canola oil fatty acid	92045-03-9	500 g/L
	Other ingredients (considered non-hazardous)		30-60 %
	Anionic Surfactant		0-10 %

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 swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
Skin	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye contact	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Remove contact lenses, if present and easy to do. Seek medical assistance even if there are no immediate symptoms.
First Aid Facilities	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
Advice to Doctor	Treat symptomatically. Pulmonary oedema is possible and may be delayed. The symptoms of lung oedema often do not become manifest until a few hours

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have passed; they are aggravated by physical effort. Rest and medical observation is therefore essential.

If vomiting occurs, surfactants present may cause pulmonary pneumonitis.

5. Fire-fighting measures

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.
Special Protective Equipment for fire fighters	Full protective clothing and self-contained breathing apparatus.
Specific Methods	Keep up wind. Keep containers cool with water spray. Do not allow washings to reach sewage or effluent systems.
Decomposition Temp.	Information not available.
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.
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	CERTIFIED HANDLER : Is not required. TRACKING: Is not required. RECORD KEEPING: Not applicable.
Conditions for safe storage, including any incompatibilities	Keep out of reach of children. Do not store for prolonged periods in direct sunlight. Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals.
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.
Appropriate engineering controls	Handle in well ventilated areas, generally natural ventilation is adequate.
Personal Protective Equipment	When using wear protective clothing such as goggles or face shield, impervious gloves, overalls and boots.
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 amber liquid
Decomposition Temperature	Information not available.

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Melting/Freezing Point	Information not available.
Boiling Point	Information not available.
Solubility in Water	Disperses in water.
Specific Gravity	0.923
pH	5.5 - 8.5 (1% solution)
Vapour Pressure	Information not available.
Vapour Density (Air=1)	Information not available.
Partition Coefficient: n-octanol/water	Information not available.
Flash Point	>93°C
Flammability	Not flammable.
Auto-Ignition Temperature	Information not available.
Flammable Limits - Lower	Information not available.
Flammable Limits - Upper	Information not available.
Kinematic Viscosity	Information not available.

10. Stability and reactivity

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

11. Toxicological Information

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. If aspirated into the lung, e.g. from vomiting, the presence of surfactants may result in chemical pneumonitis or other lung damage.
Inhalation	Not a likely route of exposure when handling the concentrate.
Skin	Not a skin irritant as per JRF Acute Dermal Irritation Study on Rabbit, OECD 404. (Study Number: 406-1-01-25511).
Eye	Not an eye irritant as per JRF Acute Eye Irritation Study on Rabbit; OECD 405 (Study number 407-1-01-25512).
Germ cell mutagenicity	Information not available.
Carcinogenicity	Information not available.
Reproductive Toxicity	Information not available.
STOT-single exposure	Information not available.
STOT-repeated exposure	Information not available.
Aspiration Hazard	Information not available.
Chronic Effects	No information available, no chronic effects expected.

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12. Ecological information

Ecotoxicity	Information not available.
Persistence and degradability	Information not available.
Mobility	Information not available.
Bioaccumulative Potential	Information not available.
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	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.

15. Regulatory information

National and or International Regulatory Information	This product is exempt from approval under the ACVM and HSNO Acts.
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16. Other Information

Date of preparation or last revision of SDS	First issue.
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 ...End Of MSDS...

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