

ULTRAZINE 900

Section 1: Identification

Product name:	Ultrazine 900
Other names:	900 g/kg Atrazine as a water dispersible granule.
Recommended use:	A residual herbicide for the control of certain broadleaf weeds in maize, sweetcorn, linseed and established lucerne.
Manufacturer/Importer details:	AgStar New Zealand Pty Ltd 4 Putakitaki Street, Lincoln, Christchurch 7608
Distributor:	Farmlands Co-operative Society Limited 535 Wairakei Road, Burnside, Christchurch 8053 TEL 0800 200 600
24 hour emergency contact:	0800 CHEMCALL (0800 243622)
National Poisons Centre:	0800 POISON (0800 764766)

Section 2: Hazard identification

HSNO Approval: Hazardous classification:	Product is classified as hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020 of the HSNO Act, 1996. HSR000465 Acute oral toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.
Pictograms:	
Signal word:	WARNING
Hazard statements:	H302 Harmful if swallowed. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long-lasting effects. Toxic to the soil terrestrial invertebrates. Very toxic to terrestrial vertebrates.
Prevention statements:	P102 Keep out of reach of children. P103 Read label before use. P260 Do not breath vapours/spray P264 Wash hands thoroughly after handling P270 Do not eat, drink or smoke when using this product P272 Contaminated work clothing should not be allowed out of the workplace

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	P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection									
Response statements:	P101 If medical advice is needed, have product container or label at hand. P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. P330 Rinse mouth P314 Get medical advice/attention if you feel unwell. P391 Collect spillage									
Storage statements:	-									
Disposal statement:	P501 Dispose of product and containers in accordance with local Regulations. See Section 13 for details.									
Additional Label Requirements:	Do not apply into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.									
Section 3: Composition/information on ingredients										
Chemical identity of ingredients with health or environmental hazards:	<table><tr><td><i>Ingredient</i></td><td><i>CAS No.</i></td><td><i>Proportion</i></td></tr><tr><td>Atrazine</td><td>1912-24-9</td><td>886 - 914 g/kg</td></tr><tr><td>Other ingredients</td><td>Proprietary</td><td>To 100%</td></tr></table>	<i>Ingredient</i>	<i>CAS No.</i>	<i>Proportion</i>	Atrazine	1912-24-9	886 - 914 g/kg	Other ingredients	Proprietary	To 100%
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Atrazine	1912-24-9	886 - 914 g/kg								
Other ingredients	Proprietary	To 100%								
Section 4: First-aid measures										
First aid measures:	If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre 0800 POISON [0800 764 766] or a doctor.									
Ingestion:	Do NOT induce vomiting. Rinse mouth, Get medical advice if person feels unwell.									
Inhalation:	Immediately move to fresh air and rest. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth and get medical assistance.									
Skin contact:	Remove contaminated clothing and wash affected area with soap and running water. If skin irritation occurs, get medical attention.									
Eye contact:	Wash out immediately with running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.									
First aid facilities:	Provide eye baths and safety showers close to areas where product contact or splashing may occur.									
Advice to doctor:	Treat symptomatically.									
Section 5: Fire-fighting measures										
Flammability:	Non-flammable.									
Appropriate extinguishing media:	Water spray, foam, carbon dioxide or dry chemical.									
Hazardous decomposition products:	During a fire, toxic fumes may be emitted. Wear self-contained									

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Special protective equipment and precautions for fire-fighters:

breathing apparatus. Contain runoff.

In the event of fire, wear self-contained breathing apparatus. Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Prevent run-off from contaminating drains, sewers or waterways. Inform appropriate authorities immediately if product or run-off enters waterways.

HAZCHEM code:

2Z

Section 6: Accidental release measures

Personal precautions:

Avoid contact with skin, eyes and inhalation of spray mist. When mixing and applying wear full protective clothing such as impervious gloves, eye protection, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

Environmental precautions:

Contain and collect spillage. Prevent chemical contaminating drains or watercourses by activating emergency shut-off valves or using bunding. Inform appropriate authorities immediately if spill enters waterways or sewers. Prevent chemical contaminating soil.

Procedure for clean up:

Collect spill and absorb residues with inert absorbent material such as sand, soil or clay granules. Collect into an appropriate, labelled, waste container and dispose of at an approved facility. Prevent runoff entering waterways or contaminating the soil.

Section 7: Handling and storage

Safe handling:

Read label before use. Use only outdoors or in a well-ventilated area. Wear protective clothing; chemical goggles or a face shield, impervious gloves, overalls and boots when handling.. Wash splashes from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash contaminated clothing before re-use.

Safe storage:

Store in original container tightly closed and in a secure dry, cool, well-ventilated area, away from feed, foodstuffs, fertiliser and seeds.

Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing more than 100 kg are subject to requirements for signage, secondary containment and emergency response plans.

When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact the proprietor for further information about the use of this product if it is older than this.

Section 8: Exposure controls/personal protection

Occupational exposure limits:

<i>Ingredient</i>	<i>CAS No.</i>	<i>WES-TWA</i>	<i>WES-STEL</i>
Atrazine	1912-24-9	1 mg/m ³	

Biological limit value:

None set as of WorkSafe's 14th edition of WES and BEI values, published November 2023.

Engineering controls:

Use only in well-ventilated areas. If necessary, use local exhaust

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		ventilation to keep airborne concentration below the exposure limits.
Respiratory protection:		Wear half or full mask fitted with vapour filter when mixing or applying spray.
Hand protection:		Elbow length, chemical resistant gloves (e.g. PVC, rubber, neoprene or nitrile).
Eye protection:		Goggles with side pieces or a face shield.
Skin protection:		Overalls and PVC or rubber boots.
General hygiene:		Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work.
Personal Protection:		Further information on specific types of personal protective gear and related standards is available in Section 16.
Section 9: Physical and chemical properties		
(a)	Appearance:	White uniform columnar granule
(b)	Odour:	Non-specific
(c)	Odour threshold:	Not available.
(d)	pH:	7.0 – 9.0 (1% aqueous)
(e)	Melting point/freezing point:	Not available.
(f)	Initial boiling point and boiling range:	Not available
(g)	Flash point:	No data available
(h)	Flammability (solid, gas):	Not applicable.
(i)	Upper/lower flammability or explosive limits:	Not available.
(j)	Vapour pressure:	No data available.
(k)	Vapour density:	No data available.
(l)	Relative density:	No data available.
(m)	Solubility:	Dispersible in water.
(n)	Partition coefficient: n-octanol/water:	Not available.
(o)	Auto-ignition temperature:	Not available.
(p)	Decomposition temperature:	Not available.
(q)	Kinematic viscosity:	Not available.
(r)	Particle characteristics	Not applicable.
Section 10: Stability and reactivity		

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Stability of the substance:	Stable under normal conditions of storage and use.
Conditions to avoid:	Avoid direct sunlight; avoid generation of dust and excessive heat.
Incompatible materials:	No data available
Hazardous decomposition products:	Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Hydrogen chloride and toxic oxides of nitrogen are released when the product decomposes on heating.

Section 11: Toxicological information

	Toxicity classifications determined by assessment of the components in the formulated mixture. a) Acute toxicity: Harmful if swallowed.. b) Aspiration hazard: Not classified. c) Respiratory irritation: Not classified. d) Skin corrosion / irritation: Not classified. e) Serious eye damage / irritation: Not classified. f) Respiratory or skin sensitisation: Not classified. g) Germ cell mutagenicity: Not classified. h) Carcinogenicity: Not classified. i) Reproductive toxicity: Not classified. j) Specific organ toxicity: May cause organ damage from repeated oral exposure at high doses k) Narcotic effects: No information. l) Other adverse effects: No information. m) Toxicological information for Atrazine: Acute Oral LD50 (rabbit) >750mg/kg Acute Dermal LD50 (rabbit) >2000mg/kg Acute Inhalation: LC50 (rat) 5mg/L air
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Section 12: Ecological information

	Ecotoxicological classifications determined by assessment of the active ingredient. (a) Aquatic ecotoxicity: Very toxic to aquatic life and with long lasting effects. (b) Soil ecotoxicity: Very toxic to the soil environment. (c) Terrestrial vertebrate ecotoxicity: Harmful to terrestrial vertebrates. (d) Terrestrial invertebrate ecotoxicity: Not classified. (e) Persistence and degradability: DT50 (Typical) 75 days. (f) Potential to be bioaccumulative: Octanol-water partition coefficient LogP = 2.7 (high) (g) Mobility in soil: Soil organic carbon water partitioning coefficient Koc = 100 (moderately mobile) (h) Ecotoxicological
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information for active ingredient Atrazine:	Acute Oral LD50 (Bobwhite quail) 940 mg/kg LC50 (96 hr) (Rainbow trout) 4.5 - 11 mg/l LC50 (48 hr) (Daphnia) 87 mg/l Algae EC50 (72 hr) 0.043 mg/l Non toxic to bee
Section 13: Disposal considerations	
Product disposal:	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility. Do not burn.
Container disposal:	Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an agrichemical recycler. Alternatively, burn in an appropriate incinerator if circumstances such as wind direction permit, or puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.
Section 14: Transport information	
UN number:	3077
UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ATRAZINE 90%)
UN class:	9
Packing group:	III
HAZCHEM:	2Z
Marine pollutant:	Yes
Special precautions:	- This product is classified as a Dangerous Good Class 9. Consult the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2012 Transport of Dangerous Goods on Land for more information.
Section 15: Regulatory information	
HSNO:	Approved substance under the HSNO Act 1996.
Substance approval number:	HSR000465
Tolerable exposure limit / environmental exposure limit:	No limits set.
HSNO controls:	See www.epa.govt.nz
	Qualifications Yes
	Tracking: No
	Safety Data Sheet: Any quantity
	Restricted to workplace only: Yes
	Quantity that must be secured when unattended: -
	Fire extinguishers -
	Quantity for secondary containment and emergency response plan: 100 Kg
	Quantity for signage: 100 Kg
	Quantity for Location -

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	certificate Records of use (3 kg or more applied to area within 24 hours) Yes Quantity that requires management in accordance with HSW HS Regulations - Hazardous Substances (Packaging) Notice 2017; Clause 9 UN Pack Group III
Additional controls:	-
Additional information:	Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Refer to WorkSafe for additional information on controls in the workplace; www.worksafe.govt.nz.
ACVM:	Registered under the Agricultural Compounds Veterinary Medicines Act 1997.
Registration number:	P10226
Conditions of registration:	See www.foodsafety.govt.nz
Section 16: Other information	
Date of issue:	03/09/2025
Reason for reissue:	Updated label
Replaces:	Not applicable
Information references:	Supplier Safety Data Sheet NZ EPA Approved hazardous substances databases. Workplace Exposure Standards and Biological Exposure Indices
Abbreviations:	ACVM: Agricultural Chemicals and Veterinary Medicines Group Bw: Bodyweight. HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act) EPA: Environmental Protection Authority of New Zealand CAS Number: Chemical Abstracts Service Number LD50: Lethal Dose 50% (Population) LC50: Lethal Concentration 50% (Population) WES-TWA: Workplace exposure standards – Time-weighted average WES-STEL: Workplace exposure standards – Short-term exposure limit
Personal Protection Standards:	The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210

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The data provided in this safety data sheet is based on current knowledge and experience. The purpose of this document is to describe the product in terms of its safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.