



MATERIAL SAFETY DATA SHEET

BLADEX® 900 WG HERBICIDE

Date of Issue: June 2012

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: **Bladex® 900 WG Herbicide**
Other Names: Cyanazine
Recommended Use: **Selective Herbicide**
Supplier: AgNova Technologies Pty Ltd
ACN: 097 705 158
Address: Suite 3/935 Station Street
Box Hill North Vic 3129 Australia
Telephone: (03) 9899 8100
Facsimile: (03) 9899 8500
Website: www.agnova.com.au
Contact: Managing Director
Emergency Telephone Number: 1800 033 111(24 hrs)

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE – DANGEROUS GOOD

Hazard Designation: Classified as hazardous according to the criteria of NOHSC.

Risk Phrases: R22 Harmful if swallowed
R50/53 Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Safety Phrases: S37 Wear suitable gloves.
S60 This material and container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to section 6 of this MSDS.

ADG Classification: Classified as “Dangerous Goods” according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Dangerous Goods Class 6.1 refer to section 14

SUSMP Classification: Poison Schedule 6 (S6)
(Standard for the Uniform Scheduling of Medicines and Poisons)



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Concentration (w/v):
Cyanazine	21725-46-2	90.0%
Inert Ingredients		10.0%

4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.

- Inhalation:** Remove to fresh air. Rest. Consult a doctor after significant exposure.
- Ingestion:** Immediately rinse mouth and drink plenty of water. Consult a doctor. Do not induce vomiting without medical advice. Show doctor safety data sheet.
- Skin contact:** If on skin, remove contaminated clothing and wash skin thoroughly with soap and water.
- Eye contact:** If in eyes, hold eyes open and flood with water for at least 15 minutes and see a doctor. Consult an ophthalmologist.
- First Aid Facilities:** Provide washing facilities in the workplace.
- Medical attention:** Treat symptomatically. No specific antidote known.

5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Water spray, dry chemical, alcohol resistant foam, carbon dioxide.
- Hazards from Combustion Products:** In case of fire, decomposition products may occur i.e. carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen oxides, hydrogen chloride gas.
- Precautions for Fire Fighters:** Ensure respiratory equipment is available. Use self contained breathing apparatus. Do not let extinguishing water enter the soil, surface waters and sewerage system.



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Product is poisonous if absorbed by skin contact or inhaled or swallowed. Avoid contact with eyes and skin and clothing. Do NOT inhale spray mist. If product or spray on skin immediately wash areas with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Environmental Precautions:

Do not let the product enter the sewerage system or surface waters.

Methods for Cleaning Up:

Clear area of all unprotected personnel. Wear full protective equipment including breathing apparatus. Provide for sufficient ventilation/exhausting. Avoid contact with eyes, skin and clothing. Avoid formation of dust. Ensure sufficient ventilation. Pick up mechanically. Store in closed containers. Disposal in accordance with section 13.

Do NOT flush to drains or sewers. Do NOT contaminate streams, rivers or water courses.

7. HANDLING AND STORAGE

Handling:

Handling Precautions

Product is poisonous if absorbed by skin contact or inhaled or swallowed. Avoid contact with eyes, skin and clothing. Do not inhale spray mist. If product or spray on skin immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Other Precautions:

None.

Storage:

Keep out of reach of children.

Store in the closed, original container, in a dry well-ventilated area, building or room, as cool as possible, away from children, animals or fodder. Do NOT store for prolonged periods in direct sunlight. Do NOT store with fertilisers, insecticides, fungicides and seeds. Protect product from frost.

Keep away from food and drink.

Ensure containers are correctly labeled and securely sealed.

Eye-wash and washing facilities must be readily available. For disposing of spills have lime, absorbent material and open head drums on hand.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No exposure limits have been established.

Engineering Controls: Do not inhale spray mist.

Personal Protective Equipment: Product is poisonous if absorbed by skin contact or inhaled or swallowed. Avoid contact with eyes and skin and clothing. Do NOT inhale spray mist. If product or spray on skin immediately wash areas with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white granules
Odour: Characteristic odour
Vapour Pressure: 0.0002 mPa
Vapour Density: Not applicable
Boiling Point: Not applicable
Melting Point: 167 °C
Solubility: Dispersible in water
Specific Gravity: Not available
pH: Not available
Flash Point: Not applicable
Flammability Not available
(explosive) Limits:
Auto-Ignition Not applicable
Temperature:
Octanol/Water Not available
Partition
Coefficient:

10. STABILITY AND REACTIVITY

Chemical Stability: Decomposition may give rise to noxious fumes.
Hazardous Polymerisation: Will not occur.
Conditions to Not available



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Avoid:

Incompatible Materials: Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products: In case of fire, decomposition products may occur i.e. carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen oxides, hydrogen chloride gas.

11. TOXICOLOGICAL INFORMATION

Technical cyanazine

Oral Toxicity: LD₅₀ Oral (ingestion) Rat = 288 mg/kg

Dermal Toxicity: LD₅₀ Dermal (skin contact) Rat = > 1,200 mg/kg

Inhalation Toxicity: No data available

Skin Irritation: No data available

Eye Irritation: No data available

Sensitisation: No data available

Mutagenicity: No data available

Significant Data with Possible Relevance to Human Health

No data available.

12. ECOLOGICAL INFORMATION

Dangerous to fish. May cause long term adverse effects in the aquatic environment. **DO NOT** contaminate ponds, irrigation channels, drains, streams, rivers or waterways with the chemical or used containers.

Technical cyanazine

Fish Toxicity: No data available

Daphnia Toxicity: No data available



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Bird Toxicity: No data available

Bee Toxicity: No data available

Other: No data available

Environmental

Fate,

Persistence and

Degradation: No data available

13. DISPOSAL CONSIDERATIONS

1) *After Intended Use:*

Triple or (preferably) pressure rinse container before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Break, puncture, crush and bury rinsed container in a local authority landfill. If not available, bury container below 500 mm in a marked disposal pit specifically set up for this purpose clear of waterways, vegetation and roots. Empty container and product should not be burnt.

2) *After Spill or Accident:*

Dispose of sealed containers at an approved local waste disposal site marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Dispose of waste product through a reputable waste contractor. If disposal of unwanted treated seed is necessary, bury seed below 500 mm in a disposal pit, specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

14. TRANSPORT INFORMATION

UN Number: 2763
Proper Shipping Name: TRIAZINE PESTICIDES, SOLID, TOXIC, N.O.S. (contains cyanazine)
Class and Subsidiary Risk: 6.1
Packing Group: III
EPG: HB 76: Guide 34
Hazchem Code: 2X

15. REGULATORY INFORMATION

SUSMP: Schedule 6

APVMA: Registered according to the Agricultural and Veterinary Chemicals Act 1994.



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APVMA Product Number: 57850

16. OTHER INFORMATION

Trademark Information: Bladex[®] is a Registered Trademark of AgNova Technologies Pty Ltd.

Abbreviations and Acronyms: APVMA – Australian Pesticides and Veterinary Medicines Authority
NOHSC – National Occupational Health and Safety Commission
SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons

Date of Preparation or Revision: June 2012.

Data Sources: Manufacturer product safety data and published data

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

The opinions expressed herein are those of qualified experts with the manufacturer. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of AgNova Technologies Pty Ltd, it is the user's obligation to determine the conditions of safe use of the product.

END OF MSDS