



## SAFETY DATA SHEET SOMBRERO® 600 SEED DRESSING

### Section 1: Identification of the Substance and Supplier

**Product name :** SOMBRERO 600 SEED DRESSING (COLOURED)  
**Chemical name of active Ingredient(s):** Imidacloprid  
**Supplier:** Insecticide  
ADAMA New Zealand Limited  
Level1/19 Elms Street, Wakatu Estate, Stoke, Nelson, New Zealand  
P.O.Box 1799, Nelson New Zealand  
**Telephone** +64 3 5438275 Fax: +64 3 5438274  
**Emergency Telephone:** 0800 POISON (0800 764 766)

### Section 2: Hazards Identification

**Hazard Classifications:** 6.1C, 6.9B, 9.1A, 9.2A, 9.3B, 9.4A

**TOXICITY** **Danger -**  
**May be fatal if swallowed, inhaled or absorbed through the skin**  
**Danger -**  
**May cause liver damage from repeated oral exposure at high doses.**

**ECOTOXICITY** **Very toxic to aquatic organisms.** Avoid contamination of any water supply with product or empty container.  
**Very toxic in the soil environment.**  
**Toxic to terrestrial vertebrates and Very toxic to terrestrial invertebrates.**

### Section 3. Composition/Information on Ingredients

Substance/preparation	Preparation				
<b>Information on hazardous ingredients *</b>					
Common name	CAS No.	Value	EC Number	Symbol	R-Phrases
Imidacloprid	138261-41-3	600 g/l	428-040-8	Xn	R22,R52

- **Occupational Exposure Limit(s), if available, are listed in section 8**

### Section 4: First-Aid Measures

**First-aid:** For advise contact The National Poisons Centre 0800 POISON (0800 764 766).

**Inhalation:** Remove victim to fresh air, keep victim warm and at rest, if breathing is difficult, give artificial respiration. Get medial attention immediately.  
**For advise contact The National Poisons Centre 0800 POISON (0800 764 766).**

**Ingestion:** **Do NOT induce vomiting.** Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person.  
Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Get medial attention immediately.  
**For advise contact The National Poisons Centre 0800 POISON (0800 764 766).**

**Skin contact:** Remove contaminated clothing and wash affected area of skin with water and soap, followed by a warm water rinse. Obtain medical attention.

**Eye contact:** Immediately rinse with clean running water for at least 15 minutes. Consult an eye specialist immediately.



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### Section 5: Fire-Fighting Measures

#### **Extinguishing media**

**Suitable:**

Water spray, foam, carbon dioxide, sand.

**Special Procedures:**

Exercise caution when fighting any chemical fire. Fight fire in early stages if safe to do so. Dike fire control water for later disposal.

**Fire and Explosion Hazards:** Thermal decomposition generates: hydrogen chloride, hydrogen cyanide, carbon, monoxide, nitrogen oxides.

**Protection of fire-fighters:** Wear proper protective equipment. Use self-contained breathing apparatus when close proximity to fire.

### Section 6: Accidental Release Measures

**Personal precautions:** Wear appropriate protective clothing. (see section 8)

**Environmental precautions:** Keep away from food, drink and animal feeding stuffs. Prevent entry into sewers and public waters. Do not discharge into the environment. Notify authorities if product enters sewers or public waters.

**Methods for cleaning up:** Clean up any spills as soon as possible using an absorbent material to collect it. Collect and contain as much free liquid as possible. Use suitable disposal containers.

### Section 7: Handling and Storage

**Handling:** Keep out of reach of children. Do not eat, drink, or smoke while using. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Use only in well ventilated areas.

**Storage:** Store in the original, unopened container in a cool, dry place, out of direct sunlight, away from excessive heat and away from stockfeed or foodstuffs.  
As a Class 9 Substance with Ecotoxicity Classifications storage of Sombbrero 600 Seed Dressing must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations. Do not store with incompatible substances. Keep at temperature not exceeding 40°C. Avoid temperatures below -10°C.

Packaging: HDPE

### Section 8: Exposure Controls/Personal Protection

**Industrial Hygiene:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash clothing before re-using. Wash hands thoroughly after handling.

**Personal protective equipment:**

**Respiratory system:** Usually no respirator is necessary when using this product under normal conditions with adequate ventilation.

**Skin and body:** Cover all skin with overalls; wear disposable face mask and chemical resistant boots

**Hands:** Wear elbow length chemical resistant gloves

**Eyes:** Chemical goggles or safety glasses.

### Section 9: Physical and Chemical Properties

**Physical state:** Liquid  
**Colour:** Opaque Red  
**Odour:** Slight chemical  
**pH:** 6.5-8.5  
**Density** 1.22 -1.28 g/cm<sup>3</sup> (20°C)  
**Viscosity @ 20°C [mPa.s] :** 101-1145  
**Flammability:** Not flammable  
**Auto-ignition temperature [°C]** 382  
**Explosion limits:** Not explosive



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### Section 10: Stability and Reactivity

#### Hazardous decomposition

**Products:** Thermal decomposition may generate: carbon dioxide, carbon monoxide, nitrogen oxides, hydrogen chloride, chlorides.

**Physico-chemical stability:** Stable under normal conditions.

**Conditions to avoid:** Direct sunlight and heat.

**Polymerisation:** Will not occur

### Section 11: Toxicological Information

#### Imidacloprid

**Rat oral LD<sub>50</sub> [mg/kg]:** 300-2000

**Rat dermal LD<sub>50</sub> [mg/kg]:** >2000

**Rat Inhalation LC<sub>50</sub> [mg/kg]:** >1.55 (maximum concentration attainable)

**Dermal Irritation (rabbit):** Not Irritating

**Eyes Irritation (rabbit):** Not Irritating

**Sensitisation:** Non Sensitiser

### Section 12: Ecological Information

#### Ecological effects information:

No ecological information is known on the product, The data below is for Imidacloprid (Active ingredient)

**96 H-LC<sub>50</sub> – rainbow trout [mg/l]:** 211

**48 H-EC<sub>50</sub> – daphnia magna [mg/l]:** 85

**72 H-EC<sub>50</sub> – algae [mg/l]:** >10 (desmodemus subspicatus)

### Section 13: Disposal Considerations

**Methods of disposal:** Triple rinse empty container and add rinsate to spray tank. Burn if appropriate and if circumstances, especially wind direction, permit. Otherwise bury in an approved landfill. Avoid contamination of any water supply with chemical or empty container.

### Section 14: Transport Information

**UN Number** 3082

**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (600G/L IMIDACLOPRID)

**DG Class** 9

**Packaging Group** III

**Hazchem Code:** 2X

**Marine Pollutant:** YES

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**National transport regulations:** Do not carry this product on a passenger service vehicle.

**Segregation:** Check the land transport Rule Dangerous Goods 1999, Rule 45001 for additional information. Sea transport may require additional segregation. Refer: NZS5433; Sea Segregation, or the International Maritime Dangerous Goods Code for details.

### Section 15: Regulatory Information

#### New Zealand Regulatory Information:

**NZFSA Approval:** Registered pursuant to the ACVM Act 1997, No P7664  
See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR007662  
See [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for registration conditions

**HSNO Classifications:** 6.1C, 6.9B, 9.1A, 9.2A, 9.3B, 9.4A



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**ACUTE TOXIC**



**ECOTOXIC**

**APPROVED HANDLER -** THIS PRODUCT MUST BE UNDER THE CARE OF AN APPROVED HANDLER WHEN IT IS APPLIED IN A WIDE DISPERSIVE MANNER OR USED BY A COMMERCIAL CONTRACTOR

**TRACKING:** THIS PRODUCT MUST BE TRACKED

### Section 16: Other Information

Note: This product is a registered agricultural chemical and must be therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

The information contained in the Safety Data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

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#### **HISTORY**

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