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**Distance<sup>®</sup> PLUS Ant Bait**

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**SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION**

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**Product Name:** Distance<sup>®</sup> PLUS Ant Bait  
**Product Use:** An insect growth regulator that breaks the reproductive life cycle of ants, causing starvation of the colony  
**Company:** Sumitomo Chemical Australia Pty Ltd  
A.B.N. 21 081 096 255  
**Address:** 51 Rawson Street, EPPING NSW 2121  
**Telephone Number:** (02) 8752 9000 (Mon–Fri 8am–5pm EST)  
**Emergency Telephone Number:** 1800 024 973 (24 hours) (EMERGENCIES ONLY)

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**SECTION 2: HAZARD IDENTIFICATION**

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**Hazard Classification (product)** Non-hazardous according to NOHSC  
**SUSMP Classification:** Not classified (pyriproxyfen)  
**ADG Classification:** Not classified as a Dangerous Good for Road and Rail Transport according the ADG 7.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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Chemical entity	CAS number	Proportion
Pyriproxyfen	095737-68-1	0.45 – 0.55%
Ingredients determined not to be hazardous	-	99.45 – 99.55%

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**SECTION 4: FIRST AID MEASURES**

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**Scheduled Poisons:** Poison Information Centers in each State capital city can provide additional assistance for scheduled poisons. Phone: (Australia 131126).

**Inhalation:** Move person to fresh air. Seek medical attention, if required.  
**Skin contact:** Remove contaminated clothing immediately. Wash with large amounts of water for 15-20 minutes. Seek medical attention, if required.  
**Eye contact:** Hold eye open and wash slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention.  
**Ingestion:** Seek medical attention.

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## SECTION 5: FIRE FIGHTING MEASURES

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**Fire and Explosion Hazards:** Flash point: NA  
Autoignition: NA

**Extinguishing Media:** Foam, carbon dioxide or dry chemical

**Fire Fighting:** Products from combustion of fires involving this material may be toxic. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Minimise the amount of water used for fire fighting. Do not enter enclosed areas without full protective equipment, including self-contained breathing equipment. Contain and isolate runoff and debris for proper disposal. Decontaminate personal protective equipment and fire fighting equipment before reuse.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Emergency Telephone Number:** 1800 024 973 (24 hours) (EMERGENCIES ONLY)

### Observe precautions in Section 8: Personal Protection

Stop the source of the spill if it is safe to do so. Contain the spill to prevent further contamination of the soil, surface water, or ground water.

#### FOR SPILLS ON LAND:

**CONTAINMENT:** Reduce airborne dust. Avoid runoff into storm sewers or other bodies of water.

**CLEANUP:** Clean up spill immediately. Vacuum or sweep up material and place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container.

#### FOR SPILLS IN WATER:

**CONTAINMENT:** This material is insoluble in water. This material will sink to the bottom. Stop or reduce contamination of any water. Isolate contaminated water.

**CLEANUP:** Remove contaminated water for treatment or disposal.

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## SECTION 7: HANDLING AND STORAGE

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Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. This product contains vegetable oil as an attractant. Under prolonged exposure to air, vegetable oil may turn become rancid and less attractive to ants. For best results, this product should be used within three months of opening the sealed cover. Otherwise, ensure container is always tightly sealed.

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## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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When using the product, wear elbow length PVC gloves. After each days use, wash gloves and contaminated clothing.

**EYE PROTECTION:** Do not get this material in your eyes. Eye contact can be avoided by wearing protective eyewear.

**RESPIRATION/VENTILATION:** If operating conditions result in airborne concentrations of this material, the use of an approved respirator is recommended.

**SKIN PROTECTION:** Avoid contact with skin or clothing. Skin contact should be minimised by wearing protective clothing including gloves.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE:</b>	Small yellow-tan granules. Appearance of cereal (corn or wheat) grits.
<b>ODOUR:</b>	Mild characteristic odour.
<b>MELTING POINT:</b>	NA
<b>BOILING POINT:</b>	NA
<b>DENSITY:</b>	0.44 g/cm <sup>3</sup> at 20°C
<b>SOLUBILITY:</b>	NA
<b>VAPOUR PRESSURE:</b>	NA
<b>Ph:</b>	NA

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**SECTION 10: STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** Not compatible with strong acids or bases. Not compatible with strong oxidisers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** See Section 5, Combustion products.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Acute (Product specific information):**

**Eye irritation:** Will irritate the eyes. Avoid contact with eyes.

This product produced eye irritation in rabbits, which cleared within 72 hours after treatment.

**Skin irritation:** Wash hands after use.

This product did not produce skin irritation in rabbits.

**Dermal toxicity:** The dermal LD<sub>50</sub> in rabbits is greater than 2000 mg/kg.

**Oral toxicity:** The oral LD<sub>50</sub> is greater than 5000 mg/kg.

**Inhalation toxicity:** No product specific data available. Based on information on the ingredients it is expected to be minimally toxic by the inhalation route.

**Skin sensitisation:** This product did not produce a positive skin sensitisation reaction in a skin sensitisation test.

**Chronic Toxicity:**

Studies with pyriproxyfen technical indicated that repeated high exposures produced changes in the liver, kidney and red blood cells but did not produce cancer in test animals. Overall, this product is not expected to be a chronic hazard when used according to the label directions.

**Teratology (Birth Defects) Information:**

No developmental toxicity was produced in animals exposed to pyriproxyfen technical, even at doses that were toxic to the pregnant animal.

**Reproduction Information:**

Pyriproxyfen technical did not produce reproductive toxicity in animal studies. This product is not expected to be a reproductive hazard when used according to label directions.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**AVIAN TOXICITY:** Pyriproxyfen technical is practically non-toxic to avian species.

**AQUATIC ORGANISM TOXICITY:** Pyriproxyfen technical is very toxic to fish and aquatic invertebrate species.

**DISTANCE PLUS ANT BAIT:** Very toxic to aquatic life.

**OTHER NON-TARGET ORGANISMS:** Pyriproxyfen technical is practically non-toxic to bees.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**For containers ≤ 1kg:**

Dispose of empty container by wrapping with paper and putting in garbage.

**For containers > 1kg:**

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

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**SECTION 14: TRANSPORT INFORMATION**

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Road/Rail:	Not classified as a Dangerous Good for Road and Rail Transport according to the ADG 7.
Sea/Air	Classified as dangerous in the meaning of Sea (IMDG) and Air (ICAO/IATA)
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, solid, N.O.S (Pyriproxyfen)
UN Number	3077
HAZCHEM Code:	NA
Packing group	III

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**SECTION 15: REGULATORY INFORMATION**

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This product is registered by the APVMA. Approval No: 65967/52408

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**SECTION 16: OTHER INFORMATION**

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Revision date: 2-5-2013

Revision number: 4

THE INFORMATION GIVEN IN THIS MSDS IS BASED ONM DATA AVAILABLE TO US AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. CONTACT SUMITOMO CHEMICAL AUSTRALIA TO CONFIRM IF YOU HAVE THE MOST CURRENT MSDS.