Safety Data Sheet

Safety Data Sheet

1. Identification

suSCon maxi Intel Soil Insecticide

GHS Product Identifier: 0849

Product Code: Group 4A Insecticide

Company Name: NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

Address: 103-105 Pipe Road Laverton North
Victoria 3026 Australia

Telephone/Fax Number: Tel: +61 3 9282-1000
Fax: +61 3 9282-1001

Emergency phone number: 1800 033 498 (24hr Australia)

Recommended use of the chemical and restrictions on use: This product provides protection against greyback, negatoria, consobrina and Bundaberg canegrub damage for 3 years; and Childers and southern one-year canegrub damage for 4 years in sugarcane using sustained control technology as per the Directions for Use table on the label.

2. Hazard Identification

GHS classification of the substance/mixture: Acute Toxicity - Oral: Category 4

Signal Word(s): WARNING

Hazard Statement(s): Harmful if swallowed.

General
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statement(s): Exclamation mark,
The below pictogram is a GHS Hazard symbol for workplace use only.
See SECTION 14 for Dangerous Goods information.

Pictogram(s):

3. Composition/information on ingredients

Solid Chemical Characterization

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidacloprid</td>
<td>138261-41-3</td>
<td>50 g/kg</td>
</tr>
<tr>
<td>Other ingredients</td>
<td></td>
<td>Balance</td>
</tr>
<tr>
<td>(considered non-hazardous)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation
Over-exposure by inhalation is improbable. Check for other causes of observed symptoms and seek medical advice.

Ingestion
Rinse mouth and then drink plenty of water.
Obtain medical advice.
SuSCon maxi Intel Soil Insecticide

Skin
Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If irritation persists, seek medical advice.

Eye contact
If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

First Aid Facilities
If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.

Advice to Doctor
Treat symptomatically.

5. Fire-fighting measures
Suitable extinguishing media
Water fog, foam, carbon dioxide or dry chemical.

Hazards from Combustion
If involved in a fire, it will emit oxides of carbon, oxides of nitrogen, hydrogen chloride and possibly hydrogen cyanide.

Special Protective Equipment for fire fighters
Breathable air apparatus should be worn when fighting a fire in which this product is involved.

6. Accidental release measures
Spills & Disposal
Recover the product by sweeping up or vacuuming without raising dust. Collect spilled material and waste in sealable open-top type containers for disposal.

Personal Protection
For appropriate personal protective equipment (PPE), refer Section 8.

7. Handling and storage
Precautions for Safe Handling
Do NOT contaminate dams, rivers or streams, or any other water bodies with chemical or used containers.

Conditions for safe storage, including any incompatibilities
Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.

Other Information
Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection
Appropriate engineering controls
Handle in well ventilated areas, generally natural ventilation is adequate.

Personal Protective Equipment
When preparing and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves, goggles and a disposable dust mask.

Hygiene Measures
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Requirements Concerning Special Training
Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

9. Physical and chemical properties
Form
Solid

Appearance
Light green spherical granules

Odour
Mild

Solubility in Water
Not soluble.

Partition Coefficient: n-octanol/water
Kow Log P is 0.57 (imidacloprid @ 21°C)

10. Stability and reactivity
Safety Data Sheet

Product Name: suSCon maxi Intel Soil Insecticide

Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: Keep away from strong oxidising agents.
Hazardous Polymerization: Hazardous polymerisation is not possible.

11. Toxicological Information

Toxicity Information

- Acute Toxicity - Oral: LD50 (rat) 450 mg/kg for imidacloprid
- Acute Toxicity - Dermal: LD50 (rat) >5000 mg/kg for imidacloprid
- Acute Toxicity - Inhalation: LC50 (rat) (4hr) >5.323 mg/l for imidacloprid as dust
- Acute Toxicity - Ingestion: Swallowing large quantities may cause vomiting, diarrhoea, abdominal pain, lethargy, depressed muscular tone, muscular cramps, respiratory disturbances and trembling.
- Acute Toxicity - Skin: Not a likely route of exposure due to the physical form of the product.
- Acute Toxicity - Eye: Not a likely route of exposure due to the physical nature of the product.
- Acute Toxicity - Insecticide: Product is not a skin sensitiser.
- Acute Toxicity - Other: Not an eye irritant.

Toxicology Information

- LD50 (rat) for imidacloprid >5000 mg/kg
- LC50 (rat) (4hr) >5.323 mg/l for imidacloprid as dust
- LC50 (96hr) for golden orfe is 237 mg/l
- LC50 (96hr) for rainbow trout is 211 mg/l
- EC50 for mysid shrimp is 0.037 mg/l

LD50 for Japanese quail is 31 mg/kg
LD50 for bobwhite quail is 152 mg/kg
EC50 for mycid shrimp is 0.037 mg/l

The active ingredient, imidacloprid, is harmful to bees by direct contact but exposure from suSCon maxi Intel granules is unlikely.

12. Ecological Information

Other Precautions: Do not contaminate streams, rivers or waterways with the chemical or used containers.
- Do not feed treated granules, or otherwise expose, to wild and domestic birds. Any spillage of granules, however minor, must be cleaned up immediately, preferably by recovery and re-use. If disposal is required, ensure granules are not accessible to birds and other wildlife.
- The following is data for the active ingredient, imidacloprid.
- LC50 (96hr) for golden orfe is 237 mg/l.
- LC50 (96hr) for rainbow trout is 211 mg/l.
- LC50 (48hr) for daphnia is 85 mg/l for imidacloprid.
- LD50 for Japanese quail is 31 mg/kg
- LD50 for bobwhite quail is 152 mg/kg
- EC50 for mysid shrimp is 0.037 mg/l

The active ingredient, imidacloprid, is harmful to bees by direct contact but exposure from suSCon maxi Intel granules is unlikely.

13. Disposal Considerations

Container Disposal: Shake bag/box contents into the applicator until empty. Do not dispose of product on site. Puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the 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. PLASTIC: Triple or preferably
Safety Data Sheet

Product Name: suSCon maxi Intel Soil Insecticide

Classification: Hazardous

14. Transport Information

Transport Information
It is good practice not to transport agricultural chemical products with food, food-related materials and animal feedstuffs.

Storage and Transport
Exempt from classification as a Dangerous Good in packs less than 3,000 kg or L as per ADG7, SP no. AU01.
For bulk shipments as Class 9, use UN 3077, HazChem code 22.

UN Number (Sea Transport)
3077

IMO Class/Packing Group
Class 9; Packing Group III

IMO Marine Pollutant
Marine Pollutant

IMO Proper Shipping Name
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains imidacloprid)

15. Regulatory Information

Regulatory Information
Australia: WHS regulations (2011) - Schedule 11: classification not listed.

Poisons Schedule
Not Scheduled

Packaging & Labelling
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Other Information
This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 70098.

16. Other Information

Date of preparation or last revision of SDS
12/07/2017

Contact Person/Point of Contact
Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000
After Hours: Shift Supervisor Phone: 1800 033 498

Revisions Highlighted
The SDS was reviewed. Minor changes were made to the information and product has been rebranded.

...End Of MSDS...