

Infosafe No™ 3NUOK	Issue Date : June 2018	ISSUED by CRPCARE
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 Product Name **suSCon Yellow Intel Soil Insecticide**

Classified as hazardous

1. Identification

GHS Product Identifier	suSCon Yellow Intel Soil Insecticide
Product Code	1012
Product Type	Group 4A Insecticide
Company Name	Crop Care Australasia Pty Ltd (ABN 53 061 362 347)
Address	Unit 17/16 Metroplex Avenue Murarrie Queensland 4172 Australia
Telephone/Fax Number	Tel: +61 7 3909 2000 Fax: +61 7 3909 2010
Emergency phone number	1800 033 498 (24hr Australia)
Recommended use of the chemical and restrictions on use	This product provides protection against banana weevil borer, greyback canegrub and rust thrip damage for up to 3 years in bananas 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 Toxic to Reproduction: Category 1
Signal Word (s)	DANGER
Hazard Statement (s)	Harmful if swallowed. May damage fertility or the unborn child.
General Precautionary Statement (s)	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.
Pictogram (s)	Exclamation mark, Health hazard, The below pictograms are GHS Hazard symbols for workplace use only. See SECTION 14 for Dangerous Goods information.
	 
Precautionary statement – Prevention	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.
Precautionary statement – Response	IF EXPOSED OR CONCERNED: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Other Information	Poisons Schedule : Not Scheduled The hazard statements above are mandatory because the product contains dibutyl phthalate in an insoluble plastic matrix. The possibility of exposure to dibutyl phthalate from handling this product is minimal.

3. Composition/information on ingredients

Chemical Characterization	Solid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Imidacloprid	138261-41-3	50 g/kg
	Dibutyl phthalate	84-74-2	150 g/kg
	Other ingredients (considered non-hazardous)		Balance

4. First-aid measures



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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.
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 Products	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.
Other Information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

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

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Dibutyl phthalate			5		
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. After each day's use, wash contaminated clothing and safety equipment.					
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
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Appearance	Yellow plastic 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

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

Toxicology Information	No harmful effects are expected if the precautions on the label and this MSDS are followed.
Acute Toxicity - Oral	LD50 (rat) 450 mg/kg for imidacloprid LD50 (rat) >8000 mg/kg for dibutyl phthalate
Acute Toxicity - Dermal	LD50 (rat) >5000 mg/kg for imidacloprid
Acute Toxicity - Inhalation	LC50 (rat) (4hr) >5.323 mg/l for imidacloprid as dust
Ingestion	Swallowing large quantities may cause vomiting, diarrhoea, abdominal pain, lethargy, depressed muscular tone, muscular cramps, respiratory disturbances and trembling.
Inhalation	Not a likely route of exposure due to the physical form of the product.
Skin	May irritate the skin.
Eye	Not a likely route of exposure due to the physical nature of the product. May irritate the eyes.
Skin Sensitisation	Product is not a skin sensitiser.
Reproductive Toxicity	Dibutyl phthalate may impair fertility and may cause harm to the unborn child following prolonged or repeated exposure. Dibutyl phthalate is tightly bound in the plastic matrix of suSCon yellow granules and exposure is unlikely.
Serious eye damage/irritation	Not an eye irritant.
Skin corrosion/irritation	Not a skin irritant.
Other Information	The Australian Acceptable Daily Intake (ADI) for imidacloprid for a human is 0.06 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 6 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Aust Govt Dept. of Health, Office of Chemical Safety, 'ADI List', March 2016).

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.
Acute Toxicity - Fish	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.
Acute Toxicity - Daphnia	LC50 (48hr) for daphnia is 85 mg/l for imidacloprid.



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Acute Toxicity - Other Organisms 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 yellow 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.

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 2Z.
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

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: 68086.

16. Other Information

Date of preparation or last revision of SDS 26/06/2018
Replaces document dated July 2013.
Contact Person/Point 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.
...End Of MSDS...

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