SEKILAS KARISMA (M) SDN. BHD.
(Co. No.: 528804-T)
No. 11-2, Jalan Meranti SD 13/4,
Bandar Sri Damansara,
52200 Kuala Lumpur, Malaysia
Tel.: 603-6277 4758 Fax: 603-6272 9528

SAFETY DATA SHEET

Revised: January 2019

IMIDACLOPRID 18.3 SC

CAS Number: 138261-41-3

Trade Name: **PRECINCT SC**

Common Name: Imidacloprid

Molecular Weight: 255.66g/mol

Chemical Formula: $C_9H_{10}ClN_5O_2$

1. Substance/ Preparation and company identification

Distributer: **Sekilas Karisma (M) Sdn. Bhd.**
No.11-2, Jalan Meranti SD 13/4,
Bandar Sri Damansara,
52200 Kuala Lumpur.
Tel: 03-6277 4758 Faks: 03-6272 9528

2. COMPOSITION/ INFORMATION ON INGREDIENTS

S.No	Ingredient	Concentration (%) w/w
i.	**Imidacloprid**	**18.30**
ii.	Other ingredients	To 100%

3. HAZARDS INDENTIFICATION

Emergency Overview
OSHA Hazards: Toxic by ingestion
GHS Classification: Acute toxicity, Oral (Category 4)
GHS Label elements, including precautionary statements
Pictogram

Signal word Warning
Hazard statements (s): H302 Harmful if swallowed
Precautionary statements (s): None

HMIS Classification
Health hazard 2
Flammability 0
Physical hazards 0

NFPA Rating

Health hazard	2
Fire	0
Reactivity hazard	0

Potential Health Effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation
Skin	May be harmful if absorbed through skin. May cause skin irritation'
Eyes	May cause eye irritation
Ingestion	Toxic if swallowed

4. FIRST AID MEASURES

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

On skin contact: Wash off with soap and plenty of water. Consult a physician.

On contact with eyes: Flush eyes with water as a precaution.

On ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Conditions of flammability

Not flammable or combustible

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special Protective Equipment

Wear self-contained breathing apparatus and chemical-protective clothing.

Hazardous Combustion Products

Hazardous decomposition products formed under fire conditions- CO_2, Hydrogen chloride gas, NOx

Hazardous decomposition products formed under fire conditions- CO_2, NOx, Hydrogen chloride gas

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions

Do not let product enter drains

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standard such as NIOSH (US) or CEN (EU).

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable standards such as NIOSH (US) or EN 166 (EU).

Eye Protection

Safety glasses with side shields conforming to EN166 use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin and Body Protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Viscous liquid
Colour	: Light grey
Odour	: Sligh characteristics
pH value	: 4.0-7.0
Vapour pressure	: 2 x 10-9 mbar at 20 °C
Solubility in water	: miscible

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: No data available

Condition to avoid: No data available

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions- Carbon oxides, hydrogen chloride gas, nitrogen oxides (NOx)

Hazardous decomposition products formed under the conditions- Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas
Other decomposition products- no data available

11. TOXICOLOGICAL INFORMATION

Acute LD50 Oral Rat **:** 410 mg/kg
Acute LD50 Dermal Rat **:** > 5000 mg/kg
Acute LC50 Inhalation **:** LC50 (4 h) rat 5323 mg/m3
Skin irritation Rabbit **:** No data available
Eye irritation rabbit **:** No data available
Sensitisation **:** No data available

12. ECOLOGICAL INFORMATION

Fish, golden orfe : LC50 (96h) 237 mg/l
Daphnia magna : LC50 (48h) 85 mg/l
Algae, *Pseudokirchneriella subcapitata* : EC50 > 100 mg/l
Bees : Imidacloprid is harmful to honeybees by direct contact, but no problems expected when not sprayed into flowering crop or when used as a seed treatment.
Earthworms, *Eisenia foetida*: LC50 10.7 mg/kg dry soil
Birds, Japanese Quails : LD50 31 mg/kg
Mobility : Imidacloprid and soil metabolites are to be classified as immobile, leaching into deeper soil layers is not to be expected if used as recommended.
Persistence and degradability:
Environment DT50 c.4. Besides sunlight, the microbial activity of a water/ sediment system is an important factor for the degradation of imidacloprid.

13. DISPOSAL CONSIDERATION

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANPSORT INFORMATION

MDG
Hazard Class (N.O.S) : 9
UN No : UN 3077
Packing Instructions : III
Marine pollutant : Yes
Exact Technical name : Environmentally hazardous substance, solid N.O.S (Imidacloprid)

IATA

Hazard Class (N.O.S)	: 9
UN No	: UN 3077
Packing Instructions	: III
Marine pollutant	: Yes
Exact Technical name	: Environmentally hazardous substance, solid N.O.S (Imidacloprid)

Further information

EHS-mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packaging's and combination packaging containing inner packaging's with Dangerous goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

OSHA Hazards: Toxic by ingestions

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the thresholds (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Acute health hazards

16. OTHER INFORMATION

Disclaimer:

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.