

MATERIAL SAFETY DATA SHEET

ISSUED DATE: MAR. 21. 2016

Product Name

Dr. C IMI ROACH GEL

1. Identification of the substance and company

Product Name Dr. C IMI ROACH GEL
kind of use Insecticide
Supplier Sammi Glory Co., Ltd.
Rm.1811 Yuwon Golden Tower Officetel,
Bujeon-dong, Jin-gu, Rep. of Korea (Zip. 614-731)
T. +82 51. 818. 7795. F. +82 51. 818. 7796
Email. info@sammglory.com

2. Hazards Identification

Classification Acute oral toxicity : Category5
Skin Sensitization/Corrosion : Category3
Serious eye damage/Sensitization : Category2
Specific target organ toxicity(single exposure) : Category3

Labelling

Symbol



Signal word

Warning

Hazard statement

H301 Toxic if swallowed.
H315 Cause skin irritation.
H319 Cause serious irritation.
H371 May cause damage to organ.

Precautionary statements

Prevention

P260 Do not breath dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 IF ON SKIN : Wash with plenty of soap and water.
P305+P351+P338 IF IN EYE : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311 IF exposed or if feel unwell : Call a POISON CENTER or doctor/physician.
P321 Specific treatment(see on this label)
P332+P313 IF skin irritation occurs : Get medical advice/attention.
P337+P313 IF eye irritation persist : Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents in accordance with local.

NFPA

Health

1

Flammability

0

Reactivity

0

3. Composition / Information on ingredients

Chemical Name	Imidacloprid
Common Name	
CAS No.	105827-78-9
Content(%)	2.15(%)

4. First-aid measures

4.1 Eye contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
4.2 Skin contact	Wash the contaminated area with soap and water. Remove contaminated clothing and wash before reuse. If irritation develops, get medical attention.
4.3 Inhalation	Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, give artificial respiration.
4.4 Ingestion	If swallowed, do NOT induce vomiting. Seek immediate medical attention.

5. Firefighting measures

5.1 Suitable extinguishing media	Foam, extinguishing powder, carbon dioxide, water fog. In case of fire, cool endangered containers with water fog.
5.2 Unsuitable extinguishing media	High pressure water jet.
5.3 Specific hazards in case of fire	None are known.
5.4 Special protective equipment and precaution for fire fighters	For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

6. Accidental release measures

6.1 Personal precautions	Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink or smoke while cleaning up. Use a self-contained respirator, a mask with filter (type A class 3) or a filtering mask (e.g., EN 405). Wear protective clothing, safety glasses and impervious gloves (e.g., neoprene gloves). Ensure adequate ventilation. Avoid all sources of ignition, hot surfaces and open flames (see also Section 7).
6.2 Environmental precautions	Prevent spills from entering storm sewers or drains and contact with soil.
6.3 Methods and materials for containment and cleaning up	Eliminate all ignition sources. Runoff may create fire or explosion hazard in sewer system. Absorb on fire retardant, liquid-absorbing material (treated sawdust, diatomaceous earth, sand). Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal (see also Section 13).

7. Handling and storage

- 7.1 Precautions for safe handling
- Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing mists/vapours.
- Use in well-ventilated area away from all ignition sources. Switch off all electrical devices such as parabolic heaters, hotplates, storage heaters etc. in good time for them to have cooled down before commencing work. Do not smoke; do not weld. Do not empty waste into sanitary drains. Take measures to prevent the build up of electrostatic charge.
- 7.2 Conditions for safe storage, including incompatibilities
- Storage containers must be grounded and bonded. Store away from all ignition sources in a cool area equipped with an automatic sprinkling system. Ensure adequate ventilation. Store at temperatures between +5 and +50°C. Store only in the original container.

8. Exposure controls / personal protection

- 8.1 Exposure limits of the chemical, Biological exposure limits etc.
- ACGIH N/A
- Biological exposure limits N/A
- 8.2 Information on the system design
- Draw off vapours directly at the point of generation and exhaust from the work area. In the case of regular work, provide bench-mounted extraction equipment.
- 8.3 Personal protection
- Ventilation
- Use in well-ventilated area with local exhaust.
- Respiratory protection
- Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits. When processing large amounts, use a light duty construction compressed air line breathing apparatus (e.g., in accordance with EN1835), a mask with filter (type A class 3, colour brown) or a filtering half mask (e.g., in accordance with EN 405) when there is inadequate ventilation.
- Eye protection
- Safety glasses with side shields or chemical goggles must be worn.
- Skin protection
- If prolonged or repeated skin contact is likely, neoprene gloves should be worn. Good personal hygiene practices should always be followed.

9. Physical and chemical properties(FLY ZERO)

- 9.1 Physical state
- Brown gel
- 9.2 pH
- 4.8~6.8
- 9.3 Melting point
- N/A
- 9.4 Flash point
- >200°C
- 9.5 Autoflammability
- About 404°C
- 9.6 Explosion hazard
- N/A
- 9.7 Oxidizing properties
- N/A
- 9.8 Solubility in water
- Insoluble
- 9.9 Specific gravity
- 1.227

10. Stability and reactivity

10.1 Hazardous reactions	None.
10.2 Sensitivity to jolting	None.
10.3 Conditions to avoid	Incompatible materials.
10.4 Materials to avoid	Water.
10.5 Hazardous decomposition products	None are known.

* Stable under normal use and storage conditions.

* Product will stain porous stain porous surfaces.

11. Toxicological information(Topbait Imida)

11.1 Acute toxicity

Oral	LD50 28325 mg/kg Rat
Dermal	LD50 >93023 mg/kg Rabbit
Inhalation	LC50> 148 mg/ℓ 4 hr Female rat
Dermal irritation	N/A
Eye irritation	N/A
Carcinogenic	
IARC	Not classified
OSHA	Not classified
ACGIH	Not classified
NTP	Not classified
EU CLP	Not classified
Germ cell mutagenicity	Negative
Reproductive toxicity	Negative (Rat, Mouse)
Specific target organ toxicity (single exposure)	None list
Specific target organ toxicity (repeated exposure)	None list

12. Ecological information(Imidacloprid)

12.1 Ecotoxicological

Fish	N/A
Shellfish	N/A
Algae	N/A

12.2 Residual, Biodegradable

Residual	N/A
Biodegradable	N/A

12.3 Bioconcentration

concentration	N/A
Biodegradable	N/A

12.4 Mobility in soil

12.5 Other adverse effects N/A

13. Disposal considerations

* Dispose of in a manner consistent with local regulations.

- 13.1 Product Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility. Securely wrap original container in several layers of newspaper and discard in trash.
- 13.2 Empty packaging Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned stay out of smoke. Do not reuse container.

14. Transport information

- | | |
|--|---|
| 14.1 UN No. | N |
| 14.2 UN proper shipping name | N |
| 14.3 Transport hazard class | N |
| 14.4 Emergency measures in case of fire | N |
| 14.5 Emergency measures in case of outflow | N |

15. Regulatory information

- | | |
|---|---|
| OSHA prescript | N |
| CERCLA prescript | N |
| EPCRA prescript | N |
| EPCRA 304 prescript | N |
| EPCRA 313 prescript | N |
| Rotterdam Convention on Substances | N |
| Stockholm Convention on Substances | N |
| Montreal Protocol on Substances | N |
| EU Classification
(Defined classification results) | N |
| EU Classification(hazard statement) | N |
| EU Classification(safety statement) | N |

16. Other Information

16.1 The source of the displayed data

The Chemical Databas

QSAR:TOPKAT

TOMES:RTECS

EPI SUITE

Corporate Solution From Thomson Micromedex(<http://csi.micromedex.com>)

International Chemical Safety Cards(ICSC)(<http://www.nihs.go.jp/ICSC>)