



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Roach Gel  
Active ingredient : Imidacloprid

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Biocide

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Company name: Sharda International Africa (Pty) Ltd  
Address: P.O. Box 82021, Southdale, 2135  
Phone number.: 031-764-3011

#### 1.4. Emergency telephone number

UNITAS Hospital: 0800-111-9900

Tygerberg Hospital: 021-931-6129

Netcare 911: 082911

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

SANS 10234:208, Regulation EC 1272/2008 [EU-GHS/CLP]

Skin Irritation, Category 2 : H315

Eye Irritation, Category 2 : H319

Acute Hazard, Category 1 : H400

Chronic Hazard, Category 1 : H410

Full text of H statements : see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Hazard pictograms

:



Signal Word : Warning

Hazard statements : H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements : P264 Wash hands thoroughly after handling.



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

P280 Wear protective gloves.  
P273 Avoid release to the environment.  
P302 + P352 IF ON SKIN: Wash with plenty of water/...  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P317 If skin irritation occurs: Get medical help.  
P337 + P317 If eye irritation persists: Get medical help.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                                                                                 | Product identifier                                                      | %   | Classification according to Regulation (EC) No. 1272/2008                     |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------|
| imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine | (CAS No) 138261-41-3<br>(EC no) 428-040-8<br>(EC index no) 612-252-00-4 | < 5 | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Solution of Sodium Hydroxide                                                         | (CAS No) 1310-73-2                                                      | < 5 | Met. Corr. 1 H290<br>Skin Corr 1 A H314<br>Eye Dam. 1 H318                    |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If swallowed, seek medical advice immediately and show this container or label.                                                                     |
| First-aid measures after inhalation   | : Move the affected person to the fresh air. If not breathing, give artificial respiration. Call a doctor.                                            |
| First-aid measures after skin contact | : Remove contaminated clothes. After contact with skin, wash immediately with plenty of water.                                                        |
| First-aid measures after eye contact  | : Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice. |
| First-aid measures after ingestion    | : Rinse mouth. Immediately call a POISON CENTER or doctor/physician.                                                                                  |



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. 5.2.

Special hazards arising from the substance or mixture

Fire hazard

: Carbon monoxide. 5.3. Advice for firefighters

Firefighting instructions

: Appropriate self-contained breathing apparatus may be required.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). EC EN 166 "3". Wear eye protection. Personal protective equipment. EN ISO 20345.

Emergency procedures : Evacuate personnel to a safe area.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable hand, body and head protection.

### 6.2. Environmental precautions

Danger of pollution of drinking water when product enters the soil. Do not allow run-off from fire-fighting to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Label the container and provide warning statements to prevent any contact.

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean spills promptly. Wash contaminated area with large amounts of water.

### 6.4. Reference to other sections

Reference to other sections (8, 13).



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Precautions for safe handling : Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container in a cool well ventilated place. Store in a dry, cool area. Protect from light.

Storage conditions : When not empty dispose of this container at hazardous or special waste collection point. Container remains hazardous when empty. Continue to observe all precautions. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. 7.3. Specific end use(s)

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

##### Eye protection:

EC EN 166 "3". Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

##### Respiratory protection:

Extra personal protection: P2 filter respirator for harmful particles

### SECTION 9: Physical and chemical properties



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### 9.1. Information on basic physical and chemical properties

|                                             |                     |
|---------------------------------------------|---------------------|
| Physical state                              | : Liquid            |
| Appearance                                  | : gel.              |
| Colour                                      | : brown.            |
| Odour                                       | : characteristic.   |
| Odour threshold                             | : No data available |
| pH                                          | : 5.69              |
| Relative evaporation rate (butylacetate=1): | No data available   |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : No data available |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Flammability (solid, gas)                   | : Non flammable     |
| Vapour pressure                             | : No data available |
| Relative vapour density at 20 °C            | : No data available |
| Relative density                            | : No data available |
| Density                                     | : No data available |
| Solubility                                  | : No data available |
| Log Pow                                     | : No data available |
| Viscosity, kinematic                        | : No data available |
| Viscosity, dynamic                          | : No data available |
| Explosive properties                        | : No data available |
| Oxidising properties                        | : No data available |
| Explosive limits                            | : No data available |

### 9.2. Other information

No additional information available



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

The product is stable at normal handling and storage conditions.

#### 10.4. Conditions to avoid

Heat. Direct sunlight.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Roach Gel   |              |
|-------------|--------------|
| LD50 oral   | > 5000 mg/kg |
| LD50 dermal | > 2000 mg/kg |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard : Not classified

Roach Gel



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

|                      |                                        |
|----------------------|----------------------------------------|
| Viscosity, kinematic | 3139 - 10221 mm <sup>2</sup> /s (40°C) |
|----------------------|----------------------------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology – water : Very toxic to aquatic life with long lasting effects.

| imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine (138261-41-3) |                                           |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|
| LC50 fish 1                                                                                        | 161 mg/l (96 h, Cyprinodon variegatus)    |
| LC50 other aquatic organisms 2                                                                     | 0.0552 mg/l (24 h, Chironomus riparius)   |
| EC50 Daphnia 1                                                                                     | 85 mg/l (48 h, Daphnia magna)             |
| ErC50 (algae)                                                                                      | > 10 mg/l (72 h, Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

| imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine (138261-41-3) |                            |
|----------------------------------------------------------------------------------------------------|----------------------------|
| Persistence and degradability                                                                      | Not readily biodegradable. |

### 12.3. Bioaccumulative potential

| imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine (138261-41-3) |      |
|----------------------------------------------------------------------------------------------------|------|
| Log Pow                                                                                            | 0.57 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Collect all waste in suitable and labelled containers and dispose according to local legislation.



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / AND

| ADR                                                                                                                                                              | IMDG                                                                                                                                                                                                    | IATA                                                                                                                                                                                   | ADN                                                                                                                                                                                    | RID                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>14.1. UN number</b>                                                                                                                                           |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| 3082                                                                                                                                                             | 3082                                                                                                                                                                                                    | 3082                                                                                                                                                                                   | 3082                                                                                                                                                                                   | 3082                                                                                                                                                                                   |
| <b>14.2. UN proper shipping name</b>                                                                                                                             |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine)                       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine)                                                              | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine)                                             | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine)                                             | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine)                                             |
| <b>Transport document description</b>                                                                                                                            |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine), 9, III, (E) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine), 9, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine), 9, III, ENVIRONMENTALLY HAZARDOUS | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine), 9, III, ENVIRONMENTALLY HAZARDOUS | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (imidacloprid (ISO), 1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine), 9, III, ENVIRONMENTALLY HAZARDOUS |
| <b>14.3. Transport hazard class(es)</b>                                                                                                                          |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| 9                                                                                                                                                                | 9                                                                                                                                                                                                       | 9                                                                                                                                                                                      | 9                                                                                                                                                                                      | 9                                                                                                                                                                                      |
| <b>14.4. Packing group</b>                                                                                                                                       |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| III                                                                                                                                                              | III                                                                                                                                                                                                     | III                                                                                                                                                                                    | III                                                                                                                                                                                    | III                                                                                                                                                                                    |
| <b>14.5. Environmental hazards</b>                                                                                                                               |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
| Dangerous for the environment : Yes                                                                                                                              | Dangerous for the environment : Yes<br>Marine pollutant : Yes                                                                                                                                           | Dangerous for the environment : Yes                                                                                                                                                    | Dangerous for the environment : Yes                                                                                                                                                    | Dangerous for the environment : Yes                                                                                                                                                    |
| No supplementary information available                                                                                                                           |                                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |

### 14.6. Special precautions for user



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

### - Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 601, 375

Limited quantities (ADR) : 5I

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR): T4

Portable tank and bulk container special provisions (ADR): TP1, TP29

Tank code (ADR) : LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR): V12

Special provisions for carriage - Loading, unloading and handling (ADR): CV13

Hazard identification number (Kemler No.) : 90



Orange plates

Tunnel restriction code (ADR) : E

### - Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

Special packing provisions (IMDG) : PP1

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP2, TP29

EmS-No. (Fire) : F-A



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

EmS-No. (Spillage) : S-F

Stowage category (IMDG) : A

### - Air transport

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y964

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 964

PCA max net quantity (IATA) : 450L

CAO packing instructions (IATA) : 964

CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197

ERG code (IATA) : 9L

### - Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

### - Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5L

Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1



# Sharda Roach Gel

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 2022-11-24

Version: 1.0

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID): T4

Portable tank and bulk container special provisions (RID): TP1, TP29

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID): W12

Special provisions for carriage - Loading, unloading and handling (RID): CW13, CW31

Colis express (express parcels) (RID) : CE8

Hazard identification number (RID) : 90

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

### SECTION 15: Regulatory information

**Safety, health and environmental regulations/legislation for the mixture:**

**Relevant information regarding authorization:** Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.

**Relevant information regarding restrictions:**

**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC

**Other National regulations:** National Road Traffic Act, 1996 (ACT NO. 93 of 1996).

SANS 11014:2010 – Safety data sheet for chemical products, Content and order section

SANS 10228:2012- The identification and classification of dangerous goods for transport by road and rail modes.

National Environmental Management: Waste Act 59 of 2008.

**Chemical Safety Assessment carried out?** No

### SECTION 16: Other information

Full text of H- and EUH-statements:

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1     | Hazardous to the aquatic environment — Acute Hazard, Category 1   |
| Aquatic Chronic 1   | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                             |
| H302                | Harmful if swallowed                                              |
| H312                | Harmful in contact with skin                                      |
| H315                | Causes skin irritation                                            |
| H319                | Causes serious eye irritation.                                    |
| H400                | Very toxic to aquatic life                                        |
| H410                | Very toxic to aquatic life with long lasting effects              |