

SHARDA EUROPE bvba

J. Mertensstraat 142, 1702 Dilbeek, Belgium
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IMIDASECT COCKROACH GEL

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier Trade Name	IMIDASECT®
1.2. Relevant identified uses of the substance or mixture and uses advised against:	Biocide. Insecticide for pest control.
1.3.- Details of the supplier of the safety data sheet: 1.3.1 Supplier:	Sharda Europe b.v.b.a Jozef Mertensstraat 142 1702 Dilbeek Tel : +32(0)2 466.44.44 Fax : +32(0)2 463.36.58 E-mail: regn@shardaintl.com
1.3.2 Responsible:	Mr. Ashish R. Bubna E-mail: regn@shardaintl.com
1.4.- Emergency Telephone number:	+ 91 22 5678 2800 (8 – 16h) Sharda AEA, UK / Ricardo number +44(0) 1865407333

2. HAZARDS IDENTIFICATION





2.1 Classification of the mixture:

2.1.1 EU directive 1999/45/EC	2.1.2 EU Regulation 1272/2008
Xi R43 N R51/53	Skin Sens. 1; H 413 Aquatic Chronic 2; H411

2.1.3 Additional information

Full text of phrases in sections 16

2.2 Label elements:

2.2.1 EU directive 1999/45/EC	2.2.2 EU Regulation 1272/2008
<p style="text-align: center;">Xi N</p> <div style="display: flex; justify-content: space-around;"><div style="text-align: center;"><p>Irritant</p></div><div style="text-align: center;"><p>Dangerous for the environment</p></div></div> <p>R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. R43 May cause sensitisation by skin contact.</p> <p>S2: Keep out of reach of children S13: Keep away from food, drink and animal feeding stuff S20/21: When using do not eat, drink or smoke. S24: Avoid contact with skin S29 Do not empty into drains S35 This material and its container must be disposed of in a safe way S37: Wear suitable gloves S46: If swallowed, seek medical advice immediately and show this container or label. S61: Avoid release to the environment. Refer to special instructions/safety data sheet.</p>	<div style="display: flex; justify-content: space-around;"><div style="text-align: center;"></div><div style="text-align: center;"></div></div> <p>EUH208 - Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. WARNING H317: May cause an allergic skin reaction. H411: Toxic to aquatic life with long lasting effects. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with soap and water P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P363: Wash contaminated clothing before reuse. P391: Collect spillage. P501: Dispose of contents/container according to local/national/international regulations.</p>

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2.3 Other hazards:

None known. This product does not contain any PBT or vPvB substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures

Description of the mixture: Bait ready-to-use gel containing 2.15% w/w imidacloprid

Hazardous ingredients

Name	CAS-No. EC No. REACH No.	Concentration [% w/w]	Classification Reg. 1272/2008	Classification Dir. 67/548/EC
Imidacloprid	138261-41-3 428-040-8	2.15	Ac.Tox cat.4; H302 Aquatic acute 1; H400 Aquatic chronic 1; H410	Xn; R22 N; R50/53
sodium hydroxide	1310-73-2 215-185-5	<0.5	Skin Corr. 1A - H314	C;R35
Glycerol	56-81-5 200-289-5	>1	Not classified	Not classified

4. FIRST AID MEASURES

4.1. Description of first aid measures

General:	Always bring the original product container, label and safety data sheet with you when calling the emergency number or visiting a doctor for treatment. Keep patient at rest. Maintain body temperature. If the person is unconscious, lay him/her side with the head lower than the rest of the body and the knees slightly bent. Monitor breathing, if necessary, artificial respiration. Do not leave alone the patient in any case.
Ingestion:	If swallowed, do not induce vomiting. Wash out of mouth immediately with water and contact local emergency. Never give anything to mouth to an unconscious person. Seek immediate medical attention and show the label or safety data sheet.
Inhalation:	Move exposed person to fresh air. If breathing is irregular or stopped, give an artificial respiration and call immediately a doctor.
Skin contact:	Wash skin with water and soap, without rubbing. Remove contaminated clothes immediately and wash with water.
Eye contact:	Rinse cautiously with water for at least 15 minutes, keeping the eyelid wide open; do not forget remove contact lenses. Seek medical attention immediately.

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

No specific symptoms

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

There is no antidote. Symptomatic treatment.

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5. FIRE-FIGHTING MEASURES

5.1.- Extinguishing media:	Dry chemical powder. Carbon dioxide. Foam, water fog or spray. Fight larger fires preferably with water fog or alcohol-resistant foam. Avoid pressure water jets.
5.2.- Specific hazards:	In case of fire and/or explosion do not breathe fumes. In the event of fire the following can be released: carbon monoxide (CO)
5.3.- Advice for firefighters:	Wear self-contained breathing apparatus and a special tightly suit. When fighting a major fire wear and air-supplied respirator. Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure built up due to heat. Whenever possible, contain fire-fighting water by diking area with sand or earth.

6. ACCIDENTAL RELEASE MEASURES

6.1.- Personal precautions, protective equipment and emergency procedures	Keep people away and isolate spill area. Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment: gloves, boots, protective clothing, eye protection, respiratory protection.
6.2.- Environmental precautions:	Prevent product from getting in contact with water (surface and ground water). Avoid contamination through sewers and drains. Inform the competent authorities in case of leaks or spills to water courses, drains, sewers...
6.3.- Methods and materials for containment and cleaning up:	Take up with absorbent material (e.g. sand, diatomaceous earth or a other absorbent material). Pack waste in suitable container disposal. Clean contaminated surfaces and objects thoroughly, observing environmental regulations. Dispose of as hazardous waste.
6.4.- Reference to other sections:	See further information in sections 7, 8, 13.

7. HANDLING AND STORAGE

7.1.- Protective measures: Measures to protect the environment Advice on general occupational hygiene	Do not discharge into the drains/surface water/groundwater. Do not eat, drink or smoke while handling. Wash hands after handling. Use protective clothing, gloves, eye protection, safety shoes. Working in a well ventilated area. Avoid product contact with eyes / skin. Shedding clothing and contaminated protective equipment before entering eating areas.
7.2.- Conditions for safe storage, including any incompatibilities:	The product should be stored in tightly closed original container in a cool, dry, well-ventilated area, away from the direct action of sunlight. Keep away from foodstuffs, beverages and feed.
7.3.- Specific end uses:	Biocide-Insecticide. Read carefully the label and technical data sheet before using the product.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1.- Control parameters	Sodium Hydroxide (CAS number: 1310-73-2): 8 hours: - Short term: 2 mg/m ³ Glycerol (CAS number: 56-81-5): 8 hours: 10 mg/m ³ Short term: -
8.2.- Exposure controls	General Hygiene Measures: Avoid contact with eyes, skin, clothing. Keep working clothes separate from the rest of the costume. Do not eat, drink or smoke while handling.
a) Respiratory protection	Manipulate in a well-ventilated area or use forced ventilation. If necessary, use respiratory protective mask.
b) Hand protection	Wear protective gloves. Always wash hands immediately after handling the product.
c) Eye protection	Wear safety goggles or face shield.
d) Skin protection	Use appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1.- Information on basic physical and chemical properties	
Appearance: Form Colour Odour	Gel (viscous liquid) Brown light, specific odour
Density	1.25 x 10 ³ kg/m ³ @ 20°C
Water Solubility	Not applicable
pH Self-ignition temperature Viscosity	5.69 >400 °C 2.26 x 10 ⁴ (20°C); 1.29 x 10 ⁴ (40°C)
Surface tension	60mN/m
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing
9.2- Additional information	None

10. STABILITY AND REACTIVITY

10.1- Reactivity:	No data available
10.2.- Chemical stability:	Stable when handled and stored under conditions described in section 7.
10.3.- Possibility of hazardous reactions:	None expected under normal conditions.
10.4.- Conditions to avoid:	Avoid high temperatures or direct sunlight.
10.5.- Incompatible materials:	None known. Strong acids. Strong alkalins. Strong oxidizing substances.

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10.6.- Hazardous decomposition products: None under normal conditions

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity (Imidasect mixture)

a) Acute toxicity:	DL50 oral rat: = 5,000 mg/Kg DL50 dermal rabbit: >2,000 mg/Kg
b) Skin corrosion/irritation:	Not irritating for skin (rabbit)
c) Injuries or severe eye irritation:	Not irritating for eyes (rabbit)
d) Respiratory or skin sensitization:	Sensitizer
e) Mutagenicity:	Non mutagenic (imidacloprid)
f) Carcinogenicity:	Non carcinogenic (imidacloprid)
g) Reproductive toxicity:	Non teratogenic (imidacloprid)

12. ECOLOGICAL INFORMATION

12.1 Toxicity (imidacloprid):

Toxicity to fish: LC50 (96h) Rainbow trout (*Oncorhynchus mykiss*): 211 mg/l
Toxicity to aquatic invertebrates: EC50 (48h) *Daphnia magna*: >100 mg/l
Toxicity to algae: EbC₅₀ >95 mg/l; ErC₅₀=39 mg/l

12.2 Persistence and degradability

Biodegradability: Not applicable

12.3 Bioaccumulative potential

Bioaccumulation: Not applicable

12.4 Mobility in soil:

Not applicable (DT50 < 1year)

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

13.1.- Methods for the waste treatment

Product: consider the product or its residues to be disposed of as hazardous waste and handle in compliance with local regulations.

Containers: Empty packaging cannot be re-used. Consider the empty containers as hazardous waste.

14. TRANSPORT INFORMATION

ADR/RID/ADN

IMDG

IATA

14.1. UN Number:

3077

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Imidacloprid mixture)

14.3. Transport hazard class(es): 9

Hazard identification number: 90

Tunnel code: E

14.4. Packing group:

III

14.5. Environmental hazard:

Mark (ADR/RID/AND; IATA): YES

Marine pollutant (IMDG): YES

Hazard no. (ADR/RID/ADN): 90

Tunnel code (ADR/RID/ADN): E

Marine pollutant (IMDG): UES

14.6. Special precautions for user:

-

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

-

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This MSDS is prepared to comply with Regulation (EU) No. 453/2010.

15.2 Chemical Safety Assessment

Not required

16. OTHER INFORMATION

For use instructions, refer to product label.

Registration numbers: HSE No.9694 PCS No.97487

Information about the R, S phrases, H and P phrases that appear in this document:

~~R22 Harmful if swallowed.~~

R35: Causes severe burns.

R43 May cause sensitization by skin contact.

R50 Very toxic to aquatic organisms.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S2: Keep out of reach of children

S13: Keep away from food, drink and animal feeding stuff

S20/21: When using do not eat, drink or smoke.

S24: Avoid contact with skin

S29 Do not empty into drains

S35 This material and its container must be disposed of in a safe way

S37: Wear suitable gloves

S46: If swallowed, seek medical advice immediately and show this container or label.

S61: Avoid release to the environment. Refer to special instructions/safety data sheet.

~~H302 Harmful if swallowed.~~

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long lasting effects.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with soap and water

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P501: Dispose of contents/container according to local/national/international regulations.

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DISCLAIMER

Liability statement: The information contained in this SDS is correct to the best of our knowledge at the date of issue.
It exclusively relates to the product as described and for the uses identified under 1.2