

# SHARDA EUROPE bvba

J. Mertensstraat 142, 1702 Dilbeek, Belgium

Tel:+32 (0)2 466.44.44

Fax:+32 (0)2 463.36.58

SDS completed April 14th 2014, Version: 04  
Supersedes SDS dated: March 24th 2014

## IMIDASECT ANT GEL

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

1.1 Product identifier	Imidasect® Ants
1.2. Relevant identified uses of the substance or mixture and uses advised against:	Biocide. Insecticide for pest control in industrial and private buildings, warehouses, and food stores.
1.3.- Details of the supplier of the safety data sheet:	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 Responsible person: 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. 2001/59/EC	2.1.2 EU Regulation 1272/2008
Not classified	Not classified

#### 2.1.3 Additional information

Full text of phrases in sections 16

#### 2.2 Label elements:

EU regulation 2001/59/EC	Regulation EU 1272/2008
No symbol required S2 Keep out of the reach of children S13 Keep away from food, drink and animal feedingstuffs S20/21 When using do not eat, drink or smoke S35 This material and its container must be disposed of in a safe way.	No symbol required No signal word

#### 2.3 Other hazards:

None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Description of the mixture: ready-to-use gel containing 0.01 % imidacloprid

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## Hazardous ingredients

Name	CAS-No. EC No. Index No. REACH No.	Concentration [% w/w]	Classification Reg. 1272/2008	Classification Dir. 67/548/EC
Imidacloprid	138261-41-3 428-040-8	0.01	Ac.Tox cat.4; H302 Aquatic acute 1; H400 Aquatic chronic 1; H410	Xn; R22 N; R50/53
2-Bromo-2-nitropropane-1,3-diol	5 2 - 5 1 - 7	<1	Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	R21/22; R37/38; R41; R50
Glycerol	56-81-5 200-289-5	>1	Not classified	Not classified

## 4. FIRST AID MEASURES

### 4.1. First aid

<b>General:</b>	Remove patient to fresh air. Immediately remove all contaminated clothing. 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.
<b>Ingestion:</b>	If swallowed, do not induce vomiting. Seek immediate medical attention and show the label or safety data sheet.
<b>Inhalation:</b>	Ensure the patient fresh air (remove to fresh air).
<b>Skin contact:</b>	Wash skin with water and soap, without rubbing.
<b>Eye contact:</b>	Rinse cautiously with water for at least 15 minutes, keeping the eyelid wide open; do not forget remove contact lenses.

### 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

Symptomatic treatment.

There is no antidote.

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## 5. FIRE-FIGHTING MEASURES

<b>5.1.- Extinguishing media:</b>	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.
<b>5.2.- Specific hazards:</b>	Combustion may generate toxic substances (carbon and nitrogen oxides, hydrogen cyanide).
<b>5.3.- Advice for firefighters:</b>	Use standard protective clothing for firefighting: boots, overalls, gloves, eye and face protection and breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1.- Personal precautions, protective equipment and emergency procedures</b>	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.
<b>6.2.- Environmental precautions:</b>	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...
<b>6.3.- Methods and materials for containment and cleaning up:</b>	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.
<b>6.4.- Reference to other sections:</b>	See further information in sections 7, 8, 13.

## 7. HANDLING AND STORAGE

<b>7.1.- Precautions for safe handling:</b>	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.
<b>7.2.- Conditions for safe storage, including any incompatibilities</b>	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.
<b>7.3.- Specific end uses:</b>	Read carefully the label and technical data sheet before using the product.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>8.1.- Control parameters</b>	Glycerol (CAS number: 56-81-5): 8 hours: 10 mg/m <sup>3</sup> Short term: -
<b>8.2.- Exposure controls</b>	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.
<b>a) Respiratory protection</b>	Manipulate in a well-ventilated area or use forced ventilation. If necessary, use respiratory protective mask.
<b>b) Hand protection</b>	Wear protective gloves. Always wash hands immediately after handling the product.
<b>c) Eye protection</b>	Wear safety goggles or face shield.
<b>d) Skin protection</b>	Use appropriate protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1.- Information on basic physical and chemical properties</b>	
Appearance: Form Colour Odour	Gel Colourless liquid (gel) light, specific odour
Density	1.3-1.4 g/ml
Water Solubility	Not applicable
pH Self-ignition temperature Viscosity	7.0-8.0 409°C Not available
Surface tension	Not available
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing
<b>9.2.- Additional information</b>	None

## 10. STABILITY AND REACTIVITY

<b>10.1- Reactivity:</b>	No
<b>10.2.- Chemical stability:</b>	Stable when handled and stored under conditions described in section 7.
<b>10.3.- Possibility of hazardous reactions:</b>	None expected under normal conditions.
<b>10.4.- Conditions to avoid:</b>	Avoid high temperatures.
<b>10.5.- Incompatible materials:</b>	None known
<b>10.6.- Hazardous decomposition products:</b>	None under normal conditions

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity (Imidasect mixture)

Low acute toxicity – Not classified

Irritation/Corrosivity: None known.

Repeated dose toxicity: None known (imidacloprid).

Carcinogenicity: None known (imidacloprid).

Mutagenicity: None known (imidacloprid).

Reproduction toxicity: None known (imidacloprid)

Teratogenicity: None known (imidacloprid).

a) Acute toxicity:	DL50 oral rat: = 5,000 mg/Kg (Similar formulation) DL50 dermal rabbit: >2,000 mg/Kg (Similar formulation)
b) Skin corrosion/irritation:	Not irritating for skin (rabbit) (Similar formulation)
c) Injuries or severe eye irritation:	Not irritating for eyes (rabbit) (Similar formulation)
d) Respiratory or skin sensitization:	Not a skin sensitizer. (Similar formulation)
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: EbC<sub>50</sub> >95 mg/l ErC<sub>50</sub> =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.

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## 14. TRANSPORT INFORMATION

ADR/RID/ADN – IMDG - IATA

- 14.1. UN Number:  
-
- 14.2. UN proper shipping name:  
-
- 14.3. Transport hazard class(es):  
-
- 14.4. Packing group:  
-
- 14.5. Environmental hazard:  
-
- 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

For safe handling and use, refer to the product label.

This MSDS is prepared to comply with REGULATION (EC) No 1907/2006 and 453/2010.

15.2 Chemical Safety Assessment

Not required

## 16. OTHER INFORMATION

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

R21/22: Harmful in contact with skin and if swallowed.	H302 Harmful if swallowed.
R22 Harmful if swallowed.	H312 Harmful in contact with skin.
R37/38 Irritating to respiratory system and skin.	H314 Causes severe skin burns and eye damage.
R41 Risk of serious damage to eyes.	H315 Causes skin irritation.
R50 Very toxic to aquatic organisms.	H318 Causes serious eye damage.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	H335 May cause respiratory irritation
	H410 Very toxic to aquatic life with long lasting effects.
	H400 Very toxic to aquatic life.

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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