



ULINK AGRITECH PRIVATE LIMITED

MATERIAL SAFETY DATA SHEET: BIOGRIP (ENTOMOPATHOGENIC NEMATODES)

1: IDENTIFICATION

Organism/EPN Name	Steinernema Carpocapsae	Trade Name	BIOGRIP (ENTOMOPATHOGENIC NEMATODES)
Synonyms	Entomopathogenic Nematodes	Molecular Formula	Not applicable
Uses	Biological insecticide, plant protection		
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra		
Emergency Contact	9503095030	E-mail	info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS

Organism: Steinernema Carpocapsae

CAS-No.: Not applicable for living organisms

Other Means of identification: Entomopathogenic nematode

Composition/Information on Ingredients: Contains no admixtures with labelling obligation

3: HAZARD IDENTIFICATION

Classification of the Substance or Mixture: According regulation Nr. 1272/2008/EG: None; According directives 67/548/EG and 1999/45/EG: None
According directive 1907/2006/EG None

Label Elements : Product pictogram(s) and signal word: None Hazard statements: None

Hazardous component(s) for labeling (product identifier (s)): None Precautionary statements: P102, P261, P270, P280

Other Dangers: Organisms can potentially cause allergic reactions.

4: FIRST AID MEASURES

General: Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. Keep the patients warm and at rest. Allow patients to rest. If person is not breathing, give artificial respiration. Immediately seek medical attention.

Ingestion: Rinse mouth with water and spit it out. Drink two cups of water afterwards. No further measures are necessary. Seek medical attention if person feel unwell.

Skin Contact: In case of contact with product, immediately wash with plenty of water and soap. Seek medical attention if irritation develop.

Eye Contact: Rinse immediately with plenty of water for several minutes with eyes wide open. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

Most Important Symptoms and Effects, Both Acute and Delayed: None

Note to Physician: No specific antidote is available. Treat symptomatically

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water spray or fog, alcohol-resistant foam, dry chemical powder or carbon dioxide

Unsuitable Extinguishing Media: None

Specific Hazards: None

Protection of Fire Fighters: None. Use standard fire fighting techniques.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid Contact with eyes, skin and clothes. Wear self contained breathing apparatus, rubber boots and heavy rubber gloves.

Environmental Precaution: None

Methods for Cleaning-up: Clean contaminated area mechanical and/or with water. For disposal refer section 13.

7: HANDLING & STORAGE

Handling: General precautions to be taken with handling. Avoid contact with eyes, skin and clothes. Don't eat or drink when handling the product. Avoid contact with eyes and skin. Avoid breathing vapor. All exposed areas of the body must be washed. Wash hands and other exposed areas with soap and water before and after handling the product. Good personal hygiene procedures must be practiced.

Storage: Store in cool, dry and well ventilated area. Keep storage container closed until ready to use. Keep away from food, feedstuffs, and domestic water supplies.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Controls /Personal Exposure Limits: None.

Personal Protection: Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection: None required, if the room is well-ventilated. In case of insufficient ventilation, wear suitable respiratory equipment

Skin Protection: Wear appropriate working clothes to avoid skin contact. Wash clothing before reusing.

Hand Protection: Compatible chemical resistant gloves such as vinyl, latex or rubber gloves recommended for prolonged handling.

Eye Protection: Eye protection EN166 are recommended.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Powder	Physical State: Solid	Odour: Wet clay
Boiling Point [°C]: Not determined	Colour: Ochre	Solubility at 20°C in Water: Not applicable
Density [g/cm3]: Not determined	pH: 6 - 8 (100 g/l water, 20°C)	Flammability: Not determined

10: STABILITY & REACTIVITY

Stability: Not applicable	Conditions to Avoid: Not applicable
Materials to Avoid: Not applicable	Reactivity: Not applicable
Hazardous Decomposition Products: Not applicable	

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not applicable	Respiratory Or Skin Sensitization: Not applicable	Reproductive Toxicity: Not applicable
Skin Corrosion/Irritation: Not applicable	Germ Cell Mutagenicity: Not applicable	Aspiration Hazard: Not applicable
Serious Eye Damage/Irritation: Not applicable		Carcinogenicity: Not applicable
Specific Target Organ Toxicity - Single Exposure: Not applicable		
Specific Target Organ Toxicity - Repeated Exposure: Not applicable	Information about Other Hazard: Not applicable	

12: ECOLOGICAL INFORMATION

Toxicity: Not applicable	Results of PBT and vPvB Assessment: Not applicable
Persistence in Degradability: Not applicable	Mobility in Soil: Not applicable
Bioaccumulative Potential: Not applicable	Other Adverse Effects: None

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Waste resulting from the use of this product may be disposed of onsite or in general trash.
Contaminated Packaging: Do not reuse empty pouch. Discard pouch as according to all applicable local regulations.

14: TRANSPORT INFORMATION

UN no.: None	
Proper Shipping Name: None	Sea transport (IMO/IMDG): None
Land transport (ADR/RID): None	Air transport (IATA/ICAO): None
Bulk transport by sea according to IMO instruments: None	

15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture: None
Hazard Symbol: None
Hazard Statements: None
Chemical Safety Assessment: None

16: OTHER INFORMATION

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

----- END -----