



Safety Data Sheet

NemaKnights Fungus Gnats / Thrips Control

Revision date: July 16, 2019

Version 1.2

SECTION 1. IDENTIFICATION

Product Identifier	NemaKnights Fungus Gnats / Thrips Control
Other Means of Identification	817504004423
Recommended Use	Biological beneficial agent
Restrictions on Use	N/A
Initial Supplier Identifier	The Environmental Factor Inc, 8-85 Chambers Drive, Ajax ON. L1Z1E2 Canada
Emergency Telephone Number	888-820-9992

SECTION 2. HAZARD IDENTIFICATION

Classification	No need for classification according to GHS criteria for this product.
Label Elements	The product does not require a hazard warning label in accordance with GHS criteria
Other Hazards	N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Notes	Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.
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SECTION 4. FIRST-AID MEASURES

Inhalation	Keep patient calm, remove to fresh air.
Skin Contact	Wash thoroughly with soap and water
Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Ingestion	Rinse mouth and then drink 200-300 ml of water
Most Important Symptoms and Effects, Acute and Delayed	Further symptoms and / or effects are not known so far.
Immediate Medical Attention and Special Treatment	Symptomatic treatment (decontamination, vital functions).



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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable	water spray, dry powder, foam
Extinguishing Media Unsuitable	carbon dioxide
Extinguishing Media Specific Hazards Arising from the Product	carbon monoxide, carbon dioxide, nitrogen oxides These substances can be released in case of fire
Special Protective Equipment and Precautions for Fire-Fighters	Wear self-contained breathing apparatus and chemical-protective clothing

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Avoid dust formation. Use personal protective clothing. Avoid contact with skin, eyes and clothing.
Methods for Containment and Cleaning Up	For small amounts: Contain with dust binding material and dispose of. For large amounts: Sweep / shovel up Avoid raising dust. Dispose of absorbed material in accordance with local regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and / or face should be washed before breaks and at the end of the shift.
Conditions for Safe Storage	Segregate from foods and animal feeds Further information on storage conditions: Keep away from heat. Protect against moisture. Protect from direct sunlight. Store protected against freezing

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Notes	No occupational exposure limits known
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.
Individual Protection Measures	
Eye/Face Protection	Safety glasses with side shields. Tight fitting safety goggles (chemical goggles). Wear face shield if splashing hazard.
Skin Protection	Protective glove selection must be based on the user's assessment of the workplace hazards. Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.
Respiratory Protection	Respiratory protection not required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pasty to solid
Odour	characteristic
Odour Threshold	Not determined due to potential health hazard by inhalation
pH	N/A
Melting Point and Freezing Point	N/A
Initial Boiling Point and Boiling Range	N/A
Flash Point	N/A, the product is a solid
Evaporation Rate	N/A
Flammability (solid, gas)	Based on the structure or composition there is no indication of flammability
Upper and Lower Flammability or Explosive Limit	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Vapour Pressure	N/A
Vapour Density (air = 1)	N/A
Relative Density (water = 1)	200 – 1,200 kg/m ³
Solubility in Water	dispersible
Solubility in Other Liquids	N/A



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Partition Coefficient, n-Octanol / Water (Log Kow)	N/A
Auto-ignition Temperature	Based on its structural properties the product is not classified as self-igniting.
Decomposition Temperature	No decomposition if stored and handled as prescribed / indicated.
Viscosity	N/A the product is a solid

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions if stored and handled as prescribed / indicated.
Chemical Stability	The product is stable if stored and handled as prescribed / indicated.
Possibility of Hazardous Reactions	No hazardous reactions if stored and handled as prescribed / indicated.
Conditions to Avoid Incompatible Materials	See SDS section 7 – Handling and storage. Strong acids, strong bases, strong oxidizing agents
Hazardous Decomposition Products	No hazardous decomposition products if stored and handled as prescribed / indicated.



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SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Notes

Skin Corrosion / Irritation

Not irritating to the skin.

Serious Eye Damage / Irritation

Not irritating to the eyes.

STOT (Specific Target Organ Toxicity) –

Based on available information there is no specific target organ toxicity after a single exposure.

Single Exposure

Aspiration Hazard

Virtually nontoxic by inhalation.

STOT (Specific Target Organ Toxicity) -

Based on available information there is no specific target organ toxicity after a single exposure.

Repeated Exposure

Respiratory and/or Skin Sensitization

Assessment of repeated exposure toxicity: Virtually nontoxic after repeated exposure. Virtually nontoxic by inhalation. Virtually nontoxic after repeated skin contact.

Carcinogenicity

The results of various animal studies gave no indication of a carcinogenic effect

Reproductive Toxicity

Development of Offspring

Animal studies gave no indication of a developmental toxic effect at doses that were non toxic to the parents.

Sexual Function and Fertility

The results of various animal studies gave no indication of a fertility impairing effect

Effects on or via Lactation

Animal studies gave no indication of a developmental toxic effect at doses that were non toxic to the parents.

Germ Cell

N/A

Mutagenicity

Interactive Effects

Mutagenicity tests revealed no genotoxic potential



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SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity	Do not discharge product into the environment without control.
Persistence and Degradability	N/A
Bio accumulative Potential	N/A
Mobility in Soil	N/A
Other Adverse Effects	N/A

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods	Must be disposed of or incinerated in accordance with local regulations.
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SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

Land Transport	Not Classified as a dangerous good under transport regulations
Sea Transport	Not Classified as a dangerous good under transport regulations
Air Transport	Not Classified as a dangerous good under transport regulations

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

Safety, Health and Environmental Regulations	Registration Status:		
	Chemical	DSL, CA	blocked / not listed
	Fertilizer		released / listed

SECTION 16. OTHER INFORMATION

SDS Prepared by:

The Environmental Factor Inc.

Date of Latest Revision July 16, 2019

Revision

NemaKnights Fungus Gnats / Thrips Control END OF DATA SHEET
