



Agro

MSDS

GoMite

Eco-friendly, Insect Chitin Dissolver

(Date Issued: 01.04.14)

1. IDENTIFICATION OF THE PREPARATION

Product Name	GOMITE
Application	Used as Insect Chitin Dissolver to control soft crawling pest attack on plants
Company Identification	NICHEM SOLUTIONS Plot No.A-408, Rd.No.28,Ramnagar, Wagle Estate,Thane(W)-400604. Maharashtra, INDIA.
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2. COMPOSITION OF INGREDIENTS

Description	Contents	CAS No.	HS Code
Mixture of natural plant extracts & enzyme compounds	Phyto-enzymes	Proprietary	38089990

3. HAZARD IDENTIFICATION

Contact with Eyes: May cause irritation.

Contact with Skin: None

Ecological Hazards: None

4. FIRST AID MEASURES

General information: Bring affected persons out of danger area. Observe self-protection (body protection, eye protection, respiratory protection).

After skin contact: Remove contaminated clothing. Remove particles and wash affected area with water.

After eye contact: With eye held open, thoroughly rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if easily possible. Seek medical attention if needed.

After swallowing: Rinse mouth with water. Induce vomiting & seek medical help.

5. FIRE FIGHTING MEASURES

- Does not contain any inflammable substance. No special fire-fighting measures needed.
- In case of fire, use foam, carbon dioxide or dry agent.
- Wear full protective clothing including chemical protection suit.
- Prevent run-off water from entering drains if possible.
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities.

6. ACCIDENTAL RELEASE MEASURES

Experience on Humans

Effect on Skin: None

Effect on eyes: May cause irritation. Wash with plenty of water.

Effect on ingestion: Give stomach wash, if ingested

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7. HANDLING AND STORAGE

HANDLING: Information for safe handling

Special care is required for handling of the product to prevent contamination. Protect from impurities. Never return spilt product to original container. The usual precautions for handling chemicals should be observed.

STORAGE CONDITION: Requirement to be met by storerooms and containers:

Only use polyethylene material (HDPE) bottles/containers thoroughly covered with lid. Always close container tightly after removal of product.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

General Protective and hygienic measures

Protection of hands: Wear protective gloves made of PVC, neoprene or natural rubber.

Eye protection: Wear safety goggles.

Body protection: Change work clothes immediately if spilled with the product.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Properties	
Form	Liquid
Colour	Creamish Yellow
Odor	Odorless
Chemical Properties	
Base	Mixture of phyto-enzymes
Specific Gravity	1.00 to 1.10 kg/lit
pH	1 to 3
Viscosity by Ford Cup4	30 sec \pm 5 sec
Flash Point	135 deg C
Solubility	Completely miscible in water in all proportions
Stability	Stability at ambient temperature under normal conditions of use

10. STABILITY AND REACTIVITY

- Stable at Room Temperature when kept in air-tight conditions
- **Conditions to be avoided:** None
- **Substances to be avoided:** None
- **Reactivity:** Data not available
- **Solubility:** It is miscible in water in all proportions

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity has not been demonstrated by **PHYTO ENZYMES**.

They are not listed as a carcinogen by MAK, IARC, NTP, OSHA, and ACGIH.

Carcinogenicity: No evidence of carcinogenic effects

Teratogenicity: No evidence of teratogenic effects

Mutagenicity: No evidence of mutagenic effects

The LD50 value (Oral: Rat & Mice) is 4000 mg /kg body weight.

12. ECOLOGICAL INFORMATION

Eco-toxicity: None

Mobility: Soluble in water in all proportions

Persistence and Biodegradability: Not persistent in soil. None

Risk of bioaccumulation: None

Other adverse effects: None

13. DISPOSAL CONSIDERATIONS

Recommendation: Product

Cannot be disposed off in the environment. Local legal regulations and permission by the responsible local legal authority are required for safe disposal of the product. Please comply with them.

Unclean packaging:

Rinse empty containers with water prior to disposal. Take decontaminated packaging to local recycling centre.

14. TRANSPORT INFORMATION

Product is safe for transport by Roadways, Airways or Waterways.

No special precautions need to be taken for the product with adequate packing in plastic bottles/containers – as mentioned in Section 7.

Not classified as dangerous for transport

Classification: None

15. REGULATORY INFORMATION

Labeling of substances in line with EC Directive 67/546/EEC and amendment.

Risk phrases: R36 – Irritating to eyes

Safety phrases:

- S2 - Keep out of reach of children
- S7 - Keep container tightly closed
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 - After contact with skin, wash immediately with plenty of water
- S36/37/39 - Wear suitable protective clothing, gloves, eye/face protection
- S45/46 - If swallowed or in case of accident or if you feel unwell, seek medical advice immediately

16. OTHER INFORMATION

Disclaimer: NICHEM SOLUTIONS has internally & externally verified the effectiveness & efficacy of its products by a standard protocol. We expect to reproduce the same results at customer's end by adopting same protocol. We take responsibility for the uniform quality of our products. However, NICHEM SOLUTIONS will not be responsible for any consequential liability of any nature for whatsoever reason.