



BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

MSDS Version 1.0

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules
Chemical Name
Common Name
MSDS Number 2066
Chemical Family
Chemical Formulation
EPA Registration No. 62637-3-72155

Bayer Environmental Science
 95 Chestnut Ridge Road
 Montvale, NJ 07645
 USA

For MEDICAL, TRANSPORTATION or Other EMERGENCY call 1-800-334-7577 24 hours/day
 For Product Information call 1-800-331-2867

Product Use Description Controls mosquito larvae including those which may carry West Nile Virus and Encephalitis.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous Component Name</u> | <u>CAS No.</u> | <u>Concentration % by Weight</u> | |
|---------------------------------------|----------------|----------------------------------|----------------|
| | | <u>Minimum</u> | <u>Maximum</u> |
| Bacillus thuringiensis v. israelensis | 68038-71-1 | 2.8600 | |

SECTION 3. HAZARDS IDENTIFICATION

NOTE: Please refer to Section 11 for detailed toxicological information.

Emergency Overview Caution! Hazards to humans and domestic animals. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Physical State Granules

Appearance brownish yellow

Immediate Effects
Medical Conditions Prolonged exposure and inhalation may aggravate pre-existing conditions of the

Material Safety Data Sheet

MSDS Number: 000000002066

BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

MSDS Version 1.0

Aggravated by Exposure respiratory system.

SECTION 4. FIRST AID MEASURES

| | |
|-------------------|--|
| General | Have the product container or label with you when calling a poison control center or doctor or going for treatment. |
| Eye | Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice. |
| Skin | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| Inhalation | Remove victim to fresh air. Get medical attention if breathing difficulty develops. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. |

Notes to physician

| | |
|------------------|---|
| Treatment | No specific antidote is available. Treat symptomatically. |
|------------------|---|

SECTION 5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------|---|
| Flash Point | Not applicable |
| Suitable Extinguishing Media | Use extinguishing method suitable for surrounding fire. |
| Fire Fighting Instructions | Wear full protective clothing and self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|---|
| General and Disposal | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dispose in accordance with all local, state/provincial and federal regulations. |
| Land Spill or Leaks | Absorb with an inert absorbent material such as granular clay, saw dust or pet litter. Sweep up and shovel into suitable containers for disposal. |

Material Safety Data Sheet

MSDS Number: 000000002066

BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

MSDS Version 1.0

SECTION 7. HANDLING AND STORAGE

Storing Procedures Store in a cool, dry place and avoid excessive heat. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal.

Min/Max Storage Temperatures Do not transport or store above 30 °C / 86 °F

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.

Hand Protection Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Body Protection Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected with regard of use conditions and exposure potential.

General Protection Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Exposure Limits

None Established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance brownish yellow

Physical State Granules

pH Not applicable

Bulk Density 22 - 26 lbs per cubic foot

SECTION 10. STABILITY AND REACTIVITY

Conditions to Avoid Unstable under basic conditions.

Hazardous Polymerization No decomposition if used as directed.

Material Safety Data Sheet

MSDS Number: 000000002066
MSDS Version 1.0

BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

(Conditions to avoid)

SECTION 11. TOXICOLOGICAL INFORMATION

| | |
|----------------------------------|---|
| Acute Oral Toxicity | Male and Female Rat: LD50: > 5,000 mg/kg |
| Acute Dermal Toxicity | The following data is based on the technical grade active ingredient(s). Male and Female Rabbit: LD50: > 2,000 mg/kg |
| Acute Inhalation Toxicity | Rat: LC50: 25.1 mg/l 4 h |
| Skin Irritation | Rabbit: Non-irritating. |
| Eye Irritation | Rabbit: Non-irritating. |
| Sensitization | Guinea pig: Non-sensitizing. |

Assessment Carcinogenicity

ACGIH

None

NTP

None

IARC

None

OSHA

None

SECTION 12. ECOLOGICAL INFORMATION

| | |
|----------------------------------|--|
| Environmental Precautions | Do not apply to treated, finished drinking water reservoirs or drinking water receptacles. |
|----------------------------------|--|

SECTION 13. DISPOSAL CONSIDERATIONS

| | |
|----------------------------------|--|
| General Disposal Guidance | Do not contaminate water, food, or feed by disposal. Do not reuse empty container. Contact your state Pesticide or EPA Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. |
| RCRA Classification | Not Regulated under this Statute |

Material Safety Data Sheet

MSDS Number: 000000002066

BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

MSDS Version 1.0

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:

Not Regulated for Transportation

FREIGHT CLASSIFICATION:

Insecticides or Fungicides, N.O.I., other than poison

SECTION 15. REGULATORY INFORMATION

EPA Registration No. 62637-3-72155

US Federal Regulations

TSCA list

None

TSCA 12b export notification

None

SARA Title III - section 302 - notification and information

None

SARA Title III - section 313 - toxic chemical release reporting

None

US States Regulatory Reporting

CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

US State right-to-know ingredients

None

Canadian Regulations

Canadian Domestic Substance List

None

Environmental

CERCLA

None

Clean Water Section 307 Priority Pollutants

None

Safe Drinking Water Act Maximum Contaminant Levels

None

International Regulations

Material Safety Data Sheet

MSDS Number: 000000002066

MSDS Version 1.0

BAYER ADVANCED GARDEN Mosquito Preventer Ready-To-Use Granules

EU Classification

None

European Inventory of Existing Commercial Substances (EINECS)

None

SECTION 16. OTHER INFORMATION

| | Health | Flammability | Reactivity | Others |
|------|--------|--------------|------------|--------|
| NFPA | 0 | 1 | 0 | |

Reason to Issue: New MSDS.

Approval Date: 01/13/2004

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