



SAFETY DATA SHEET

122000009166

Beetle Shield 6

Version 1.2

Revision Date 02/04/2013

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

Product Name: Beetle Shield 6
MSDS Number: 122000009166

Company

BAYER HEALTHCARE LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
USA
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE:(800) 633-3796
INTERNATIONAL:(703) 527-3887

2. HAZARDS IDENTIFICATION**Emergency Overview**

CAUTION! Colour: beige, brownish Form: solid powder Odour: weak.
Causes moderate skin irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes eye irritation.

Hazard Communication (29CFR 1910.1200)

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
6%	Tetrachlorvinphos	22248-79-9
60 - 94%	Tradeseecret	

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. If symptoms persist, call a physician.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.

Note to Physician: This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Any

Specific hazards during firefighting: Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO₂)

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

Dust/air-mixtures are explosive at intense warming.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

For small spills, absorb on absorbent material, sweep up and place in an approved chemical

container.

Additional advice: Flush the area with water to remove any residue. Contain any washwaters. Do not allow washwaters to contaminate surface waters and do not flush to sewer systems.

**Further Accidental
Release Notes**

Flush the area with water to remove any residue. Contain any washwaters. Do not allow washwaters to contaminate surface waters and do not flush to sewer systems.

7. HANDLING AND STORAGE

Handling:

Avoid dust formation. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:

NIOSH approved pesticide respirator. Recommended Filter type: HEPA

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	powder
Colour:	beige, brownish
Odour:	weak
Melting point:	ca. 1,700 °C
Density:	2.8 g/cm ³ at 68 °F (20 °C)
pH:	8.57 at 10 g/l

10. STABILITY AND REACTIVITY

Conditions to avoid: no data available

Materials to avoid: Oxidizing agents

Hazardous reactions: None known.

Thermal decomposition:

no data available

Hazardous decomposition products:
Carbon monoxide, Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact Sensitivity:
no data available

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:
LD50 rat : > 2,000 mg/kg

Acute inhalation toxicity:
LC50 rat: > 2.26 mg/l

Acute dermal toxicity:
LD50 rat: > 2,000 mg/kg

Skin irritation:
Result: Moderate skin irritation

Eye irritation:
Result: Mild eye irritation

12. ECOLOGICAL INFORMATION

General advice:
This product is toxic to fish and aquatic organisms. Do not apply directly to water, or surface/ground water exchange or intertidal areas below the mean high water mark. Toxic to birds. Do not contaminate surface or ground water by cleaning equipment or disposing of wash water.

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Toxicity to fish:

Toxicity to daphnia and other aquatic invertebrates:

Tetrachlorvinphos

EC50 0.002 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 48 h

Biodegradability:

Tradeseecret

The methods for determining biodegradability are not applicable to inorganic substances.

Bioaccumulation:

Tradeseecret

Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION

Land transport (CFR)

Non-Regulated

Sea transport (IMDG)

Non-Regulated

Air transport (ICAO / IATA cargo aircraft only)

Non-Regulated

Air transport (ICAO / IATA passenger and cargo aircraft)

Non-Regulated

15. REGULATORY INFORMATION

Other regulations: No statements available.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components

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None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components

None

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard Rating Hazardous

16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.