

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078915040

N/A



## SAFETY DATA SHEET

122000008516

**RABON® 50% WETTABLE POWDER INSECTICIDE**

Version 1.1

Revision Date 02/20/2013

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

**Product Name:** RABON® 50% WETTABLE POWDER INSECTICIDE  
**MSDS Number:** 122000008516

**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  
Chemtec: (800) 424-9300  
BAYER INFORMATION PHONE: (800) 633-3796  
INTERNATIONAL: (703) 527-3887

**2. HAZARDS IDENTIFICATION****Emergency Overview**

**CAUTION!** **Colour:** White to tan or light grey **Form:** solid **Odour:** mild, musty.  
Harmful if ingested, inhaled or absorbed through the skin. May cause 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.
10 - 30%	Silicon dioxide precipitated	112926-00-8
50%	Tetrachlorvinphos	22248-79-9

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**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

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**5. FIREFIGHTING MEASURES**

**Suitable extinguishing media:** Any

**Specific hazards during firefighting:** Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

**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.

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**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).

**Additional advice:** Avoid dust formation.

**Further Accidental Release Notes**      Avoid dust formation.

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**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.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Respiratory protection:**

Recommended Filter type: NIOSH approved pesticide respirator.

**Hand protection:**

Chemically resistant gloves.

**Eye protection:**

Safety glasses

**Other protective measures:**

Wear suitable protective equipment.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Colour:	White to tan or light grey
Odour:	mild musty
Density:	0.4 g/cm <sup>3</sup>
Water solubility:	0.0116 g/l
pH:	6

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**10. STABILITY AND REACTIVITY**

**Conditions to avoid:** no data available

**Materials to avoid:** Oxidizing agents

**Hazardous reactions:** None known.

**Thermal decomposition:**

no data available

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**Hazardous decomposition products:**Carbon monoxide, Carbon dioxide (CO<sub>2</sub>)**Oxidizing properties:**

No statements available.

**Impact Sensitivity:**

no data available

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**11. TOXICOLOGICAL INFORMATION****Other information on toxicity:**

Silicon dioxide precipitated

No persistent or cumulative effects were observed.

**Acute oral toxicity:**LD<sub>50</sub> rat : 3,200 mg/kg**Acute inhalation toxicity:**LC<sub>50</sub> rat: > 3.61 mg/l, 4 h**Acute dermal toxicity:**LD<sub>50</sub> rabbit: > 10,000 mg/kg**Skin irritation:**

rabbit

Result: Mild skin irritation

**Eye irritation:**

rabbit

Result: Mild eye irritation

**Sensitisation:**

Result: Does not cause skin sensitization.

**Genotoxicity in vitro:**

Silicon dioxide precipitated

Ames test

Result: negative

Unscheduled DNA Synthesis Test

Result: No evidence of a genotoxic effect.

Chromosome aberration test in vitro

Result: negative

**Genotoxicity in vivo:**

Silicon dioxide precipitated

In vivo Cytogenetic Test, rat

Result: negative

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Dominant lethale test, rat  
Result: negative

**Carcinogenicity:**

Silicon dioxide precipitated  
Result: No indication on the basis of the available data.

**Reproductive toxicity:**

Silicon dioxide precipitated  
Result: Animal testing did not show any effects on fertility.

**Teratogenicity:**

Silicon dioxide precipitated  
Result: Did not show teratogenic effects in animal experiments.

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**12. ECOLOGICAL INFORMATION****General advice:**

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Silicon dioxide precipitated  
Acute Fish toxicity: LC50 > 10,000 mg/l  
Test species: Danio rerio (zebra fish) Duration of test: 96 h  
Method: OECD Test Guideline 203

Tetrachlorvinphos  
LC50 0.5 mg/l  
Test species: Lepomis macrochirus (Bluegill) Duration of test: 96 h

**Toxicity to daphnia and other aquatic invertebrates:**

Silicon dioxide precipitated  
EC50 > 10,000 mg/l  
Test species: Daphnia magna (Water flea) Duration of test: 24 h  
Method: OECD Test Guideline 202

Tetrachlorvinphos  
EC50 0.002 mg/l  
Test species: Daphnia magna (Water flea) Duration of test: 48 h

**Biodegradability:**

Silicon dioxide precipitated

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

**Physico-chemical removability:**

Silicon dioxide precipitated  
The product is insoluble and sinks in water..

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**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.

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**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**

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**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**

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**

None

**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

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**16. OTHER INFORMATION****Further information**

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**Components**

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**Components**

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