



# SAFETY DATA SHEET

## RABON® 50% WETTABLE POWDER INSECTICIDE

Version 3.1

Revision Date 02/01/2017

122000008516  
Print Date 04/22/2019

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product information**RABON 50 WP 4 LB

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

**Use** : Pesticide

#### Company

Bayer HealthCare, LLC  
Animal Health Division  
12707 Shawnee Mission Parkway  
(West 63rd)  
Shawnee, KS 66216-1846  
UNITED STATES OF AMERICA  
(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

#### Classification of the substance or mixture

#### Classification according to national GHS implementation:

Acute toxicity, Oral, Category 4 (H302)  
Eye irritation, Category 2B (H320)

#### Label elements

#### Labelling according to national GHS implementation:



Warning

#### Hazard statements:

H302 Harmful if swallowed.  
H320 Causes eye irritation.

#### Precautionary statements:

Prevention:  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

#### Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.



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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

#### Hazardous components which must be listed on the label:

Components:	CAS-No.
Tetrachlorvinphos	22248-79-9

#### Other hazards

Other hazards which do not result in classification:  
None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

#### Hazardous components

##### Tetrachlorvinphos

Concentration [Weight percent] 50

CAS-No.: 22248-79-9

CAS name: Phosphoric acid, (1Z)-2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl ester

#### GHS Classification:



Acute Tox. 4 H302

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For the full text of the H-Statements mentioned in this Section, see Section 16.

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### 4. FIRST AID MEASURES

#### Description of 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.

#### Most important acute symptoms/effects

#### Indication of any immediate medical attention and special treatment needed



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#### 5. FIREFIGHTING MEASURES

##### Extinguishing media

**Suitable extinguishing media:** Any

**Unsuitable extinguishing media:** none

##### Special hazards arising from the substance or mixture

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

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

##### Advice for firefighters

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

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#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

##### Environmental precautions

##### Methods and materials for containment and cleaning up

**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).

##### Reference to other sections

**Additional advice:** Avoid dust formation.

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#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

##### 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.

##### Conditions for safe storage, including any incompatibilities

##### Specific end use(s)

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

##### Hazardous components without workplace control parameters

Components	CAS-No.
Tetrachlorvinphos	22248-79-9

##### Personal protective equipment

- Respiratory protection : Recommended Filter type:  
NIOSH approved pesticide respirator.
- Hand protection  
Material : Chemically resistant gloves.
- Remarks : None required for consumer use of this product.
- Eye protection : Safety glasses  
None required for consumer use of this product.
- Protective measures : Wear suitable protective equipment.  
Please consult label for end-user requirements.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### Information on basic physical and chemical properties

Form:	solid
Colour:	white, to, brownish, grey
Odour:	mild musty
Melting point/range:	No statements available.
Boiling point/boiling range:	No statements available.
Density:	0.4 g/cm <sup>3</sup>
Bulk density:	No statements available.
Vapour pressure:	No statements available.
Viscosity, dynamic:	No statements available.
Viscosity, kinematic:	No statements available.
Flow time:	No statements available.
Surface tension:	No statements available.
Water solubility:	0.0116 g/l
Solubility(ies):	No statements available.
pH:	No statements available.
Corrosive to metal:	No statements available.
Partition coefficient (n-octanol/water):	Tetrachlorvinphos log Pow: 3.53
Flash point:	Not applicable



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Inflammability (solid, gaseous): No statements available.

Explosion limits: No statements available.

#### Other information

Miscibility with water: Not applicable

## 10. STABILITY AND REACTIVITY

#### Reactivity

No statements available.

#### Reactions with water / air:

No statements available.

#### Ignition temperature:

No statements available.

#### Burning number:

No statements available.

#### Chemical stability

No statements available.

#### Thermal decomposition:

No data available

#### Dust explosion characteristic number:

No statements available.

#### Dust explosion class:

No data available

#### Impact sensitivity:

No data available

#### Hazardous reactions:

No data available

#### Explosive properties:

No statements available.

#### Possibility of hazardous reactions

##### deflagration ability:

No statements available.

##### Smoldering combustion:

No statements available.

##### Conditions to avoid

No data available

##### Minimum ignition energy:

No data available

##### Oxidizing properties:



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No statements available.

#### Incompatible materials

##### Materials to avoid:

Oxidizing agents

##### Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

##### Further information:

The following applies in general to flammable organic substances and preparations: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

## 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Product:

Acute oral toxicity : Acute toxicity estimate (ATE): 960 mg/kg  
Method: Calculation method

Acute toxicity estimate (ATE): 960 mg/kg  
Method: Calculation method

##### Components:

#### Tetrachlorvinphos:

Acute oral toxicity : LD50 (Rat): 480 mg/kg  
Assessment: Harmful if swallowed.

Acute dermal toxicity : LD50 (Rabbit): > 2,500 mg/kg  
Assessment: May be harmful in contact with skin.

#### Skin corrosion/irritation

##### Product:

Species: Rabbit  
Result: Mild skin irritation

#### Serious eye damage/eye irritation

##### Product:

Species: Rabbit  
Result: Mild eye irritation

#### Respiratory or skin sensitisation

##### Product:

Result: Does not cause skin sensitisation.



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### Components:

#### **Tetrachlorvinphos:**

Assessment: Harmful if swallowed., May be harmful in contact with skin.

#### **Carcinogenicity**

##### **IARC**

Group 2B: Possibly carcinogenic to humans

Tetrachlorvinphos 22248-79-9

##### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

##### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Components:

#### **Tetrachlorvinphos:**

Repeated dose toxicity - Assessment : Harmful if swallowed., May be harmful in contact with skin.

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## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### Components:

#### **Tetrachlorvinphos:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill)): 0.5 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.002 mg/l  
Exposure time: 48 h

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

#### Components:

#### **Tetrachlorvinphos:**

Partition coefficient: n- : log Pow: 3.53



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octanol/water

Mobility in soil

No data available

Other adverse effects

Product:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : Do not allow to enter surface waters or groundwater.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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)

14. TRANSPORT INFORMATION

US Land transport (CFR) non-regulated

Sea transport (IMDG)

UN Number 3077
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TETRACHLORVINPHOS)
Class 9
Packaging group III
IMDG-Labels 9
Marine pollutant yes

Air transport (IATA)

UN Number 3077
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TETRACHLORVINPHOS)



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Class	9
Packaging group	III
Dangerous goods labels	9
Environmentally hazardous	yes

15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Silicon dioxide	7631-86-9	10 - 20 %
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Pennsylvania Right To Know

Silicon dioxide	7631-86-9	10 - 20 %
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New York City Hazardous Substances

No components listed on the New York City Hazardous Substances List

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California List of Hazardous Substances

Silicon dioxide	7631-86-9
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TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Full text of H-Statements mentioned in chapters 2 and 3

H302 Harmful if swallowed.



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H320 Causes eye irritation.

#### 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.