

SAFETY DATA SHEET



CheckMite+ Beehive Pest Control Strip

Version 1.0 Revision Date: 06/19/2020 SDS Number: 122000002321 Date of last issue: -
Date of first issue: 19.06.2020

SECTION 1. IDENTIFICATION

Product information

Product Name : CheckMite+ Beehive Pest Control Strip
SDS Number : 122000002321

Use : Biocidal product

Company

Bayer Inc.
2920 Matheson Boulevard East
Mississauga, ON L4W 5R6
CANADA
(800) 622-2937
elanco_sds@elanco.com

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Acute toxicity (Oral) : Category 3

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H301 Toxic if swallowed.

Precautionary statements :

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

Response:
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.

Storage:
P405 Store locked up.

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

Other hazards

None known.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Coumaphos Technical	56-72-4	10

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Not an expected entry route.

In case of skin contact : No hazards which require special first aid measures.

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : In case of accidental ingestion, contact your regional poison center or physician immediately.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Any

Unsuitable extinguishing media : None known.

Specific hazards during fire-fighting : Fire may cause evolution of:
Hydrogen chloride gas
Chlorine gas
Oxides of phosphorus
Sulphur oxides
Carbon oxides

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

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and 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).

SECTION 7. HANDLING AND STORAGE

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- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Avoid dust formation.
Use with local exhaust ventilation.
Avoid contact with skin, eyes and clothing.
- Conditions for safe storage : For storage suitable stores with adequate product-reception volume must be used.
During handling local official regulations must be observed in order to avert impairment of water by the product.
- Recommended storage temperature : 38 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Polyvinylchloride	9002-86-2	TWA (Respirable)	1 mg/m ³	CA BC OEL
		TWA (Respirable)	1 mg/m ³	CA BC OEL
		TWA (Respirable fraction)	1 mg/m ³	ACGIH
		TWA (Respirable fraction)	1 mg/m ³	ACGIH
Coumaphos Technical	56-72-4	TWA	0,5 mg/m ³	CA AB OEL
		TWA	0,5 mg/m ³	CA AB OEL
		TWA (Vapour and inhalable aerosols)	0,05 mg/m ³	CA BC OEL
		TWA (Vapour and inhalable aerosols)	0,05 mg/m ³	CA BC OEL
		TWA (Inhalable fraction and vapor)	0,05 mg/m ³	ACGIH
		TWA (Inhalable fraction and vapor)	0,05 mg/m ³	ACGIH
Titanium dioxide	13463-67-7	TWA	10 mg/m ³	CA AB OEL
		TWA	10 mg/m ³	CA AB OEL
		TWAEV (total dust)	10 mg/m ³	CA QC OEL
		TWAEV (total dust)	10 mg/m ³	CA QC OEL
		TWA (Total dust)	10 mg/m ³	CA BC OEL

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		TWA (Total dust)	10 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL

Personal protective equipment

Respiratory protection : Recommended Filter type:
HEPA
None required for consumer use of this product.

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : solid, powder
Colour : white
Odour : weak
Melting point / range : No data available

Boiling point/boiling range : No data available

Solubility(ies)
Water solubility : insoluble

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Explosive properties : No statements available.
Oxidizing properties : No data available

Impact sensitivity : No data available

Minimum ignition energy : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No data available
Chemical stability : Stable
Possibility of hazardous reactions : No data available
Conditions to avoid : Do not allow product to come in contact with:
Heat

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Incompatible materials : Exposure to moisture
: Oxidizing agents
: Bases

Hazardous decomposition products : Hydrogen chloride gas
: Chlorine gas
: Oxides of phosphorus
: Sulphur oxides
: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate (ATE): 130 mg/kg
Method: Calculation method

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg
Remarks: Data on a comparable substance

Components:

Coumaphos Technical:

Acute oral toxicity : LD50 (Rat): 13 mg/kg
Assessment: The component/mixture is highly toxic after single ingestion.

Acute dermal toxicity : LD50 (Rat): 860 mg/kg
Assessment: The component/mixture is toxic after single contact with skin.

Acute toxicity (other routes of administration) : LD50 (Rat): 7500 µg/kg
Application Route: Intraperitoneal

Skin corrosion/irritation

Product:

Remarks : TiO₂ pigments are not irritant but as with all fine powders can adsorb moisture and natural oils from the surface of the skin during prolonged exp

Components:

Coumaphos Technical:

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

Components:

Coumaphos Technical:

Species : Rabbit

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Result : No eye irritation

Respiratory or skin sensitisation

Components:

Coumaphos Technical:

Species : Guinea pig
Result : Does not cause skin sensitisation.

Further information

Components:

Coumaphos Technical:

Pharmaceutic effects
Remarks : Antiparasitic agent

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Coumaphos Technical:

Toxicity to fish : LC50: 0,18 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 0,000192 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EbC50 (Desmodesmus subspicatus (green algae)): 0,2 mg/l
plants Exposure time: 72 h
Test Type: Cell multiplication inhibition test

ErC50 (Desmodesmus subspicatus (green algae)): 0,61 mg/l
Exposure time: 72 h
Test Type: Cell multiplication inhibition test

NOEbC (Desmodesmus subspicatus (green algae)): 0,115
mg/l
Exposure time:
Test Type: Cell multiplication inhibition test

NOErC (Desmodesmus subspicatus (green algae)): 0,115
mg/l
Exposure time:
Test Type: Cell multiplication inhibition test

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Persistence and degradability

Components:

Coumaphos Technical:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 1 %
Exposure time: 28 d

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

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

Components:

Coumaphos Technical:

Adsorbed organic bound halogens (AOX) : Remarks: The product contains organic halogens.

SECTION 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 MOE, 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.

Contaminated packaging : Contaminated, empty containers are to be treated in the same way as the contents.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COUMAPHOS)
Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes

IMDG-Code

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UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(COUMAPHOS)
Class : 9
Packing group : III
Labels : 9
Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

TDG

Not regulated as a dangerous good

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

International Regulations

Montreal Protocol (Ozone Depleting Substances) : Not applicable
Rotterdam Convention (Prior Informed Consent) : Not applicable
Stockholm Convention (Persistent Organic Pollutants) : Not applicable

Canadian lists

No substances are subject to a Significant New Activity Notification.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL : Canada. British Columbia OEL
CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA : 8-hour, time-weighted average
CA AB OEL / TWA : 8-hour Occupational exposure limit
CA BC OEL / TWA : 8-hour time weighted average
CA QC OEL / TWAEV : Time-weighted average exposure value

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