



Safety Data Sheet CONTANS® WG

SDS Number: 102000028481

SDS Version 1.0

Revision Date: 10/30/2014

Print Date: 10/30/2014

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name	CONTANS® WG
SDS Number	102000028481
Product code (UVP)	80998929
PCP Registration No.	29066
Product Use	Fungicide

Bayer CropScience Inc
#200, 160 Quarry Park Blvd, SE
Calgary, Alberta T2C 3G3
Canada

For MEDICAL, TRANSPORTATION or other EMERGENCY call: 1-800-334-7577 (24 hours/day)
For Product Information call: 1-888-283-6847

SECTION 2. HAZARDS IDENTIFICATION

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

Emergency Overview Caution! May cause sensitization by inhalation and skin contact. Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Physical State	granular
Odor	mushroom-like
Appearance	dark brown
Exposure routes	Skin contact, Eye contact, Inhalation, Ingestion
Immediate Effects	
Skin	May be harmful if absorbed through skin.
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled.



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Coniothyrium minitans		5.30

SECTION 4. FIRST AID MEASURES

General	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
Eye	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.
Skin	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Rinse out mouth and give water in small sips to drink. Never give anything by mouth to an unconscious person. Do not leave victim unattended.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Notes to physician	
Signs and Symptoms	No symptoms known or expected.
Treatment	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.

SECTION 5. FIRE FIGHTING MEASURES

Flash point	not applicable
Autoignition temperature	to 400 °C / 752 °F
Lower Flammability Limit	not applicable
Upper Flammability Limit	not applicable
Explosiveness	no data available



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Fire and Explosion Hazards	Dangerous gases are evolved in the event of a fire.
Suitable extinguishing media	Water spray, Foam, Dry chemical, Carbon dioxide (CO ₂)
Unsuitable extinguishing media	High volume water jet
Fire Fighting Instructions	<p>Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.</p> <p>Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.</p>

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke.
Methods for cleaning up	Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.
Additional advice	Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

SECTION 7. HANDLING AND STORAGE

Handling procedures	No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid dust formation. Ensure adequate ventilation.
Storing Procedures	Store in a place accessible by authorized persons only. Store in original container. Protect against moisture. Keep containers tightly closed in a dry, cool and well-ventilated place.
Work/Hygienic Procedures	When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General Protection	Follow manufacturer's instructions for cleaning/maintaining PPE. If no such
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instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

Eye/Face Protection	Safety glasses with side-shields
Hand protection	Nitrile rubber gloves
Body Protection	Wear long-sleeved shirt and long pants and shoes plus socks.
Respiratory protection	When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	dark brown
Physical State	granular
Odor	mushroom-like
pH	6 - 8 (3 %)
Vapor Pressure	no data available
Vapor Density (Air = 1)	no data available
Bulk density	0.42 - 0.47 g/ml
Evaporation rate	not applicable
Boiling Point	not applicable
Melting / Freezing Point	ca. 146 °C / 294.8 °F
Water solubility	dispersible
Minimum Ignition Energy	no data available
Decomposition temperature	no data available
Partition coefficient: n-octanol/water	no data available
Viscosity	not applicable



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SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatibility	no data available
Hazardous Decomposition Products	No decomposition products expected under normal conditions of use.
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	rat: LD50: > 2,500 mg/kg
Acute dermal toxicity	rat: LD50: > 2,500 mg/kg
Acute inhalation toxicity	rat: LC50: > 12.74 mg/l Exposure time: 4 h
Acute toxicity (other routes of administration)	
Skin irritation	rabbit: No skin irritation
Eye irritation	rabbit: No eye irritation
Sensitisation	guinea pig: Non-sensitizing. OECD Test Guideline 406, Magnusson & Kligman test
Chronic toxicity	Coniothyrium minitans did not cause specific target organ toxicity in rats.

Assessment Carcinogenicity

Coniothyrium minitans: Test not required for microorganisms.

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

Reproductive toxicity	Coniothyrium minitans: Test not required for microorganisms.
Developmental Toxicity	Coniothyrium minitans: Test not required for microorganisms.



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Mutagenicity Coniothyrium minitans was genotoxic in a battery of in vitro tests. Coniothyrium minitans is not considered mutagenic.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to fish Leuciscus idus (Golden orfe)
LC50: > 100 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient.

Toxicity to aquatic plants Scenedesmus subspicatus
EC50: > 100 mg/l
Exposure time: 72 h
The value mentioned relates to the active ingredient.

Acute Toxicity to Aquatic Invertebrates Daphnia magna (Water flea)
EC50: > 100 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient.

Environmental precautions Do not allow to get into surface water, drains and ground water.

Ecological Information No further ecological information is available.

SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Container Disposal Empty remaining contents. Do not re-use empty containers. Not completely emptied packagings should be disposed of as hazardous waste.

SECTION 14. TRANSPORT INFORMATION

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

SECTION 15. REGULATORY INFORMATION

PCP Registration No. 29066



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US Federal Regulations

TSCA list

None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

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.

SECTION 16. OTHER INFORMATION

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 0 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 0 Physical Hazard - 0 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: New Safety Data Sheet.

Prepared by the HSE Department of Bayer CropScience Inc. (306)-721-0310.

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