



Safety Data Sheet

Cobra™ Wrap Gel
Genics, Inc.

DATE OF ISSUE JAN 12, 2016
Revision 01: April 2017

Cobra™ Wrap Gel

SECTION 1: Identification

Product

Name	Cobra™ Wrap Gel
CAS #	Mixture
Product use	Fungicide/Wood Preservative
Manufacturer's Name:	GENICS INC. 561 Acheson Rd. 53016 Hwy 60 Acheson Industrial Park. Acheson, Alberta Canada T7X 5A7

Genics Business Phone:	(780) 962-1000
Emergency Phone:	CHEMTREC : 1-800-424-9300/ +1 (703)527-3887

SDS Preparation Date:January 12, 2016

SECTION 2: Hazard Identification (toxicological properties)

EMERGENCY OVERVIEW

May be harmful if swallowed. Avoid contact with eyes and skin. May cause eye irritation. Avoid rubbing eyes while working with product. Wash hands thoroughly with soap and water after handling and before eating, drinking or smoking. Store and wash all protective clothing separately from household laundry. Personal protective clothing, normal work clothes (i.e. long pants, shoes, a long sleeved shirt) plus waterproof gloves for all users of product. Do not leave container where children or animals may gain access.

Genics Cobra Wrap Gel is a deep blue-green gel / paste that is not flammable, combustible, or explosive.

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: There is no health hazard anticipated to occur during routine use of this product. The symptoms of such overexposures are described in the following paragraphs.

INHALATION: This product is in U.S. EPA Category III for inhalation with I being highest and IV being lowest). At most, the exposure to the mist may cause mild irritation of the respiratory system, or mucous membranes. Symptoms may include dry throat or coughing.

CONTACT WITH SKIN OR EYES: Though unlikely to occur, contact with the product and the skin or eyes may lead to mild irritation.

SKIN ABSORPTION: Exposure via skin absorption is not expected to produce adverse health effects.

INGESTION: Though very unlikely to occur in an occupational setting, if this product is ingested, symptoms may include nausea and vomiting.

INJECTION: Injection of the product (via punctures with contaminated, sharp objects or pre-existing breaks in the skin) may produce redness, local swelling, and tissue damage at the injection site.

HEALTH EFFECTS OR RISK FROM EXPOSURE:

Health Hazards – Classification of the substance or mixture
 Reproductive Toxicity Category 2
 GHS label elements, including pictogram or symbol, hazard and precautionary statements
 Hazard Pictograms
 Signal Word: WARNING





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Hazard Statements: H361- Suspected of damaging fertility or the unborn child

Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood

P308 + P313: IF exposed or concerned, seek medical attention/advice

P501: Dispose of contents/container in accordance with local regulation

There are no medical conditions known to be aggravated by exposure to this product.

Product ingredients are not listed as a carcinogen or potential carcinogen on the following lists:

US OSHA Z LIST, NTP, IARC, CAL/OSHA.

ACUTE: Symptoms of short-term exposure to this product or product spray generated by this product may cause minimal irritation of the eyes, skin and respiratory system. If ingested, nausea and vomiting may occur.

CHRONIC: Prolonged or repeated skin overexposure to this product may lead to dermatitis (inflamed, dry skin) and chapping.

TARGET ORGANS: Skin, eyes, respiratory system (to product mist/spray only).

There are no medical conditions known to be aggravated by exposure to this product.

Product ingredients are not listed as a carcinogen or potential carcinogen on the following lists:

US OSHA Z LIST, NTP, IARC, CAL/OSHA.

ACUTE: Symptoms of short-term exposure to this product or product spray generated by this product may cause minimal irritation of the eyes, skin and respiratory system. If ingested, nausea and vomiting may occur.

CHRONIC: Prolonged or repeated skin overexposure to this product may lead to dermatitis (inflamed, dry skin) and chapping.

TARGET ORGANS: Skin, eyes, respiratory system (to product mist/spray only).

SECTION 3: Composition / Information on Ingredients

Name	% W/W	CAS #	ACGIH TLV	OSHA PEL
Sodium Tetraborate Decahydrate	40 – 45 %	1306-96-4	NE	NE
Copper Hydroxide	5- 6 %	20427-59-2	1 mg/m ³ (Cu dust + mist)	1 mg/m ³ (Cu dust + mist)
Monoethanoalamine	10-15 %	20427-59-2	NE	NE

*NE = Not Established

SECTION 4: First Aid Measures

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately for 15-20 minutes. Call poison control center or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 780-962-1000 for emergency medical treatment information

SECTION 5: Fire-Fighting Measures

FLASH POINT: Not applicable



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AUTOIGNITION TEMPURATURE, EC: Not applicable

FLAMMABLE EXTINGUISHING MATERIALS: This product is not flammable. Use fire extinguishing material appropriate for the surrounding area.

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|-------------------|-----------------------|--------------------------|
| Water Spray: YES | • Carbon Dioxide: YES | • Foam: YES |
| Dry Chemical: YES | • Halon: YES | • Other: Any "ABC" Class |

UNUSUAL FIRE AND EXPLOTION HAZARDS: This product presents no unusual hazards to fire-fighters if involved in a fire.

EXPLOSION SENSITIVITY TO MECHANICAL IMPACT: Not sensitive.

EXPLOSION SENSITIVITY TO STATIC DISCHARGE: Not sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear self-contained breathing apparatus and full protective equipment. Move fire-exposed containers if it can be done without risk to fire-fighters. If possible, fire-fighters should control run-off water to prevent environment contamination

SECTION 6: Accidental Release Measures

SPILL AND LEAK RESPONSE: Due to the nature of this product, no special accidental release measures are normally required. Uncontrolled releases involving other materials released near this product should be responded to by appropriately trained personnel using pre-planned procedures. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and the applicable standards of Canada and it's Provinces (see Disposal and Considerations).

SECTION 7: Handling and Storage Procedures

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|-----------------|---|
| Handling | Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. |
| Storage | Keep out of reach of children. Store in a closed container away from incompatible materials. DO NOT STORE OPENED POUCHES. |
- This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

SECTION 8: Exposure Controls – Personal Protection

Mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt, long pants, shoes plus socks, chemical resistant gloves, and (when pressure treating) a NIOSH / MSHA certified N95 respirator (or any N, R, P filter with NIOSH approval number prefix TC-84A.

- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have become drenched or heavily contaminated with this product's concentrate. Do not reuse them.
- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

SECTION 9: Physical and Chemical Properties

Vapour Density:	NE	Flashpoint:	NE	Density:	1.1 g/ml
Melting Point/Range:	NA	Solubility in Water:	Completely	Boiling Point:	NE
Vapour Pressure mm Hq @20°C:	NE	Appearance and Colour:	Green gel	Ph:	6.8 - 7.2



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SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	No known conditions to avoid.
Hazardous Decomposition Products:	None
Incompatibility (Materials to Avoid):	No known materials to avoid.
Hazardous Polymerization:	Will not Occur

SECTION 11: Toxicological Information

<u>Product as a Whole</u>	LD50 oral rat greater than 5,000 mg/kg B.W. LD50 dermal rat greater than 5,050 mg/kg B.W. LC50 inhalation rat greater than 2.43 mg/L Eye Irritation: Minimally irritating, no irritation at 48 hrs post exposure Skin Irritation: Slightly irritating through 72 hrs post application Dermal Sensitization: Not a sensitizer
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Chronic effects	Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity	Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials	Not available

SECTION 12: Ecological Information

- ◆ Boron and Copper are essential micronutrients for healthy plant growth, however, this product can be harmful to boron or copper sensitive plants in high quantities. Care should be taken to minimize the amount of product released to the environment.
- ◆ Boron and Copper are naturally occurring and ubiquitous in the environment.
- ◆ This product has a relatively low mammalian toxicity.
- ◆ This product is completely soluble in water and leachable through normal soil.

U.S. Users

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations Systems (NPDES) permit and the permitting authorities have been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

SECTION 13: Disposal Considerations

Waste codes	Not available
Disposal instructions	
Pesticide Disposal	If product has been spilled, spread absorbent, pick up and place in containers. Dispose of according to state / provincial and local regulations.
Container Disposal	Wrap any cut portion of products in paper and put into trash for collection or dispose otherwise according to state / provincial and local regulations.



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SECTION 14: Transportation Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

SECTION 15: Regulatory Information

Canadian PMRA Pesticide Reg. # 31806

U.S. EPA Pending

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard – No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

WHMIS classification Exempt - Registered product

State regulations **California:** This product does NOT contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

New Jersey - Right to Know Hazardous Substance List

None

Inventory name

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SECTION 16: Other Information

Date of Issue: January 12, 2016 (Revision 000)

Supersedes: None

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