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Material Safety Data Sheet

DATE OF ISSUE January 1, 2007

Supersedes June 24, 2004

Cobra™Rod

Chemical Product and Company Identification

Trade name (as labeled): Cobra™Rod
Product Class:.....Fungicide/Wood Preservative
Product description:.....Fungicide in the form of solid fused glass rod; used to prevent decay in wood structures by inserting into pre-drilled holes.
PCP Registration No.: 25580
EPA Registration No.:.....71653-2
Manufacturer's Name: .....**GENICS INC.**
561 Acheson Rd. 53016 Hwy 60
Acheson, Alberta
Canada T7X 5A7
Emergency Phone:..... (780) 975-1937
or CHEMTREC .. (800) 424-9300
Genics Business Phone: .....(780) 962-1000

Composition / Information on Ingredients

Name	% W/W	CAS #	ACGIH TLV	OSHA PEL
Anhydrous Disodium Octaborate	88 - 91%	12008-41-12	NE	NE
Copper (from Copper Hydroxide)	1.5 - 3%	20427-59-2	1 mg/m^3 (Cu dust + mist)	1 mg/m^3 (Cu dust + mist)
Boric Acid	4 - 8%	10043-35-3	NE	NE

*NE = Not Established

Hazard Identification (toxicological properties)

Name	Toxicological Data
Cobra Rod	LD50 oral rat >3500 mg/kg B.W.

There are no medical conditions known to be aggravated by exposure to this product.
Product ingredients not listed as a carcinogen or potential carcinogen on the following lists: US OSHA Z LIST, NTP, IARC, CAL/OSHA.

Emergency Overview

Cobra™Rods are a dark green, solid, glass-like substance that are not flammable, combustible, or explosive and have low acute oral and zero dermal irritation. Cobra™Rods are not intended for ingestion. Cobra™Rods have low acute toxicity and small amounts accidentally swallowed are not likely to cause effects. Some rods may have sharp edges and in cases where they are completely swallowed these sharp edges may cause grazing of the intestinal tract.

First Aid Measures

Eyes: Properly used Cobra™Rods present no hazard to eyes.
Swallowing: Primary risk from choking, administer first aid for such and take to hospital.
Inhalation: Properly used Cobra™Rods present no inhalation risk.
Fire: Product is non-combustible. Extinguishing media N/A.
Skin: Skin contact does not present any unusual hazard. Areas in contact with Cobra™Rods can be washed with soap and water.

Handling and Storage Procedures

- Cobra™Rods cause zero dermal irritation to the skin.
- Do not use in situations where food could become contaminated.
- Keep out of reach of children at all times.
- Store in dry conditions in original container, out of reach of children.
- Use only as a wood preservative.
- When inserting, push home using a wooden or plastic dowel.
- Never strike the rod with a hammer or similar object as this may result in the rod shattering.

Exposure Controls – Personal Protection

Ventilation Requirements: No special ventilation system required.
Eye Protection: Safety glasses

Respiratory Protection: None required under routine conditions of use.
Body Protection: None needed under normal conditions of use.
Hygienic Practices: Wash hands before eating or smoking.

Physical and Chemical Properties

Vapour Density:	NA	**Evaporation Rate (water =1):**	NA	**Density:**	2.223 g/ml
Melting Point/Range:	1000°C	**Solubility in Water:**	21%	**Boiling Point:**	NA
Vapour Pressure mm Hq @20°C:	NA	**Appearance and Colour:**	Green-black, hard, glass-like rods.	**Flashpoint:**	NA

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		

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 not known to pose any adverse effect on aquatic life when applied as per label instructions.
- This product is completely soluble in water and leachable through normal soil.

Transportation Information

- Not classified as dangerous goods under ADR or PGR regs.
- No special requirements necessary.
- In the event of a road accident, Cobra™Rods should be collected in a suitable container (i.e. plastic bag) and returned to manufacturer, used according to label instructions, or disposed of according to disposal regulations.

Other Information

- Take care when administering first aid for choking especially in cases where patients are unconscious.
- If possible seek qualified first aid assistance.

Prepared by:

Genics Inc.
Phone: (780) 962-1000 or toll-free 1-877-943-6427
Fax: (780) 962-1052

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