

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	COPACAPS 5g, 10g, 20g, 30g, 36g
Product code:	A004944, A005259, A004945, A006727, A010288
Recommended use:	For the treatment and prevention of copper deficiency in cattle, deer and sheep.
Company details:	Boehringer Ingelheim Animal Health New Zealand Limited
Address:	Level 3, Boehringer Ingelheim Building 2 Osterley Way Manukau City Auckland 2104 New Zealand
Telephone number:	Phone: +64 9 980 1600 Fax: +64 9 980 1601
Emergency telephone number:	Boehringer Ingelheim Freephone: 0800 800 822 National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
Date of preparation:	13 September 2007

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:	Copper oxide wire particles in gelatine capsules	
Product components:		
<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Copper Oxide	1317 - 38 - 0	100%
Gelatin Capsule		

SECTION 3: HAZARDS IDENTIFICATION

Hazard classifications:	6.1E, 6.4A, 6.9B, 9.1A
Priority and secondary identifiers:	Harmful – Keep Out Of Reach Of Children Ecotoxic
Risk and safety phrases:	May be harmful if swallowed, inhaled or absorbed through the skin. Avoid skin contact or inhalation. Wash hands and exposed skin before meals and after work. Harmful – may cause eye irritation. Avoid contact with eyes. May cause organ damage from repeated oral exposure at high doses Ecotoxic – Very toxic to aquatic organisms. Avoid contamination of any water supply.

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. <u>Eye Contact:</u> Flush with plenty of water, get medical assistance. <u>Skin Contact:</u> Remove contaminated clothing and flush skin and hair with running water. If irritation occurs get medical attention. <u>Ingestion:</u> If ingested, seek medical advice immediately. Induce vomiting as directed by medical personnel. <u>Inhalation:</u> Remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-nose. Get medical attention if symptoms develop.
Workplace facilities:	N/A

Required instructions:	N/A
Notes for medical personnel:	N/A

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	Non-flammable
Fire hazard properties:	Presence of heavy metals might give rise to toxic fumes.
Regulatory requirements:	N/A
Extinguishing media and methods:	Recommended fire fighting media - carbon dioxide, dry powders, water, BCF. Water is the preferred medium. Cool sealed drums with water to prevent rupture due to thermal expansion. Contain run-off. Keep non-involved persons away.
Hazchem code:	N/A
Recommended protective clothing:	Fire-fighters should wear totally-enclosed breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Wear full protective equipment (overalls, chemical resistant gloves, boots and safety goggles). Prevent further spillage. Sweep up solids without generating dust. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.
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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	N/A
Regulatory requirements:	N/A
Handling practices:	N/A
Approved handlers:	Not required
Conditions for safe storage:	KEEP OUT OF REACH OF CHILDREN Store in a cool dry place below 25°C in original container. Store away from concentrated acids. Store away from food, drink and animal feed. Keep container sealed when not in use. If possible, use under local exhaust ventilation to minimise dust levels. A face velocity of 0.5 - 1 m/s is suggested.
Store site requirements:	KEEP OUT OF REACH OF CHILDREN
Packaging:	N/A

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Workplace exposure standards:	N/A
Application in the workplace:	N/A
Exposure standards outside the workplace:	N/A
Engineering controls:	N/A
Personal protection:	May be harmful if swallowed. Wash hands before meals and after work. Copper in eyes may cause irritation
References:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specify product data:	<u>Appearance:</u> Grey-black needles in a colour coded gelatin capsule <u>Melting Point:</u> > 1000 °C <u>Boiling Point:</u> > 1000 °C <u>Odour :</u> None <u>Water solubility:</u> Insoluble <u>pH of solution/extract:</u> Approx 7 <u>Flammable:</u> No
Required specifications:	N/A
Further specifications:	N/A
Specific advice:	N/A

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid:	N/A.
Material to avoid:	This material may react violently with concentrated acids.
Hazardous decomposition products:	N/A
Hazardous polymerization:	Will not occur
Specific data:	N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Data and interpretation:	<u>Copper (I) Oxide</u> Oral LD50 470mg/kg
Summaries data:	N/A
Effects of Acute Exposure:	<u>Eye contact:</u> Due to the physical shape of this material, it is important that the eyes NOT be rubbed if any particles should enter the eye. Attempts should only be made to remove the material by washing it out. If this does not succeed, or there is any material left in the eye, medical advice should be sought as soon as possible. <u>Skin Contact:</u> If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation occurs get medical attention. <u>Ingestion:</u> May cause organ damage from repeated oral exposure at high doses. Seek medical advice. <u>Inhalation:</u> Remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-nose. Get medical attention.

SECTION 12: ENVIRONMENTAL INFORMATION

Potential environmental interactions:	Ecotoxic – Very toxic to aquatic organisms. Avoid contamination of any water supply.
Data organisation :	N/A
Environmental risk and safety phrases:	Environmentally hazardous substance, Solid, N.O.S. (copper oxide).

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal information :	Dispose of this product only by using in accordance with the label or at an approved landfill. If unsure seek advice from the local authority regarding disposal.
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SECTION 14: TRANSPORT INFORMATION

Relevant information:	Material is NOT classed as hazardous for transport by any route. Tracking not required
Other requirements:	N/A

SECTION 15: REGULATORY INFORMATION

Regulatory status:	Registered pursuant to the ACVM Act 1997, No.s, A004944, A005259, A004945, A006727, A010288. See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSNO Act 1996, Approval Code HSR002394. See www.epa.govt.nz for approval conditions.
HSNO and ACVM controls:	Refer to Section 3
List exposure limits:	If possible, use under local exhaust ventilation to minimise dust levels. A face velocity of 0.5 - 1 m/s is suggested.

SECTION 16: OTHER INFORMATION

Additional information:	For product information visit the Boehringer Ingelheim website: www.boehringer-ingelheim.co.nz While the information set forth is believed to be accurate as of the date hereof, BOEHRINGER INGELHEIM makes no warranty with respect hereto and disclaims all liability from reliance thereon.
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