



# Material Safety Data Sheet

Catalog Number: 193652

Revision date: 08-Mar-2005

Australia Hazardous Statement: **Not classified as hazardous according to criteria of NOHSC**

## 1. COMPANY DETAILS

**Supplier:** MP Biomedicals Australasia Pty Limited  
Unit 12, 167 Prospect Hwy.  
Seven Hills, NSW 2147 Aust.

**Telephone Number:** (02) 9838 7422

**Fax Number:** (02) 9838 7390

**Emergency telephone number:** (02) 9838 7422: hours: 8.30 AM to 5.00 PM

**Australian Business Number (ABN):** 31 106 467 109

## 2. IDENTIFICATION

**Product name:** ERGOCORNINE

**Catalog Number:** 193652

**Synonyms:** Not Available

**UN/Id No:** No UN Number allocated

**Proper shipping name:** No Dangerous goods class allocated

**IATA Hazard Label(s):** No Dangerous goods class allocated

**Hazard Class:** No Dangerous goods class allocated

**Subsidiary risk:** No Subsidiary Risk allocated

**Emergency Action Code (Hazchem code):** No Hazchem Code allocated

**Poisons schedule No. (Aust)/Toxic Substance (NZ):** No Poisons Schedule Number allocated

**Recommended use:** Research product for non-human use

**Component**                      **Australia (AICS):**  
ERGOCORNINE                      Not Present  
564-36-3 (100)

## 3. PHYSICAL DESCRIPTION/PROPERTIES

**Physical state:** Solid

**Formula:** C31H39N5O5

**Molecular weight:** 561.7

**Boiling point/range:** Not determined

**Melting point/range:** Not determined

**Density:** Not determined

**Vapor pressure:** Not determined

**Solubility (in water):** Not determined

**Flash point:** Not determined

**Autoignition temperature:** Not determined

**Flammable limits in air - lower (%):** Not determined  
**Flammable limits in air - upper (%):** Not determined

#### 4. INGREDIENTS

Components	CAS Number	Weight %	EC No.	Classification
ERGOCORNINE	564-36-3	100	209-272-7	--

#### 5. HAZARDS IDENTIFICATION

**Australia Hazardous Statement:** Not classified as hazardous according to criteria of NOHSC

**Indication of Danger:**  
None.

**Safety Phrases:**  
S36 - Wear suitable protective clothing.

**Poisons schedule No. (Aust)/Toxic Substance (NZ):** No Poisons Schedule Number allocated

#### 6. HEALTH HAZARD INFORMATION

##### HEALTH EFFECTS

**EMERGENCY OVERVIEW:** May cause skin irritation and/or dermatitis  
**Principle routes of exposure:** Skin  
**Inhalation:** May cause irritation of respiratory tract  
**Ingestion:** May be harmful if swallowed.  
**Skin contact:** May cause allergic skin reaction  
**Eye contact:** Avoid contact with eyes  
**Statements of hazard** MAY CAUSE ALLERGIC SKIN REACTION.

Components	Australian Exposure Standards - Carcinogens	Australia - Exposure Standards - Short
ERGOCORNINE	Not Listed	Not Listed

Components	Australia - Exposure Standards - Skin E	Australia - Exposure Standards - Time W
ERGOCORNINE	Not Listed	Not Listed

##### FIRST AID

**General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
**Inhalation:** Move to fresh air. Call a physician immediately.  
**Skin contact:** Rinse immediately with plenty of water and seek medical advice  
**Ingestion:** Do not induce vomiting without medical advice.  
**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Protection of first-aiders:** No information available  
**Notes to physician:** None  
**Medical conditions aggravated by exposure:** None known

## 7. PRECAUTIONS FOR USE

**Section 8 Notes:** TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

**Engineering measures:** Ensure adequate ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection:** Self-contained breathing apparatus

**Hand protection:** Pvc disposable gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 8. SAFE HANDLING INFORMATION

### Storage:

ROOM TEMPERATURE

### Handling:

Use only in area provided with appropriate exhaust ventilation.

### Safe handling advice:

Wear personal protective equipment.

### Stability:

Stable under recommended storage conditions.

### Polymerization:

None under normal processing.

### Hazardous decomposition products:

Nitrogen oxides (NOx)/ammonia/CN-

### Materials to avoid:

Strong oxidising agents

### Conditions to avoid:

Exposure to air or moisture over prolonged periods.

### Spills and Disposal:

#### Personal precautions:

Use personal protective equipment.

#### Environmental precautions:

Prevent product from entering drains.

#### Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal.

#### Waste from residues / unused products:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

#### Contaminated packaging:

Do not re-use empty containers

### Fire/Explosion Hazards:

<b>Suitable extinguishing media:</b>	Use dry chemical, CO <sub>2</sub> , water spray or "alcohol" foam
<b>Specific hazards:</b>	Burning produces irritant fumes.
<b>Unusual hazards:</b>	None known
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
<b>Specific methods:</b>	Water mist may be used to cool closed containers.

## 9. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute toxicity

<b>Components</b>	<b>RTECS Number:</b>	<b>Selected LD50s and LC50s</b>
ERGOCORNINE	KE7630000	Not Determined

<b>Chronic toxicity:</b>	Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
<b>Local effects:</b>	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Specific effects:</b>	May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
<b>Carcinogenic effects:</b>	No data is available on the product itself.
<b>Mutagenic effects:</b>	No data is available on the product itself.
<b>Reproductive toxicity:</b>	No data is available on the product itself.

## 10. ECOLOGICAL INFORMATION

<b>Mobility:</b>	No data available
<b>Bioaccumulation:</b>	No data available
<b>Ecotoxicity effects:</b>	No data available
<b>Aquatic toxicity:</b>	May cause long-term adverse effects in the aquatic environment.

<b>Components</b>	<b>U.S. DOT - Appendix B - Marine Pollutan</b>	<b>U.S. DOT - Appendix B - Severe Marine Pollutants</b>	<b>United Kingdom - The Red List:</b>
ERGOCORNINE	Not Listed	Not Listed	Not Listed

<b>Components</b>	<b>Germany VCI (WGK)</b>	<b>World Health Organization (WHO) - Drinking Water</b>	<b>Ecotoxicity - Fish Species Data</b>
ERGOCORNINE	Not Listed	Not Listed	Not Listed

<b>Components</b>	<b>Ecotoxicity - Freshwater Algae Data</b>	<b>Ecotoxicity - Microtox Data</b>	<b>Ecotoxicity - Water Flea Data</b>
ERGOCORNINE	Not Listed	Not Listed	Not Listed

<b>Components</b>	<b>EPA - ATSDR Priority List</b>	<b>EPA - HPV Challenge Program Chemical List</b>	<b>California - Priority Toxic Pollutants</b>
ERGOCORNINE	Not Listed	Not Listed	Not Listed

<b>Components</b>	<b>California - Priority Toxic Pollutants</b>	<b>California - Priority Toxic Pollutants</b>
ERGOCORNINE	Not Listed	Not Listed

## 11. TRANSPORT INFORMATION

**IMDG/IMO**

<b>IMDG - Hazard Classifications</b>	Not Applicable
<b>IMDG - Marine Pollutants</b>	Not Applicable
<b>IMDG - Marine Pollutants</b>	Not Applicable
<b>IMDG - Regulated Substances</b>	Not Applicable
<b>IMDG - Severe Marine Pollutants</b>	Not Applicable

**IMO-labels:**

<b>Packing group:</b>	None
<b>Proper shipping name:</b>	Not Regulated
<b>UN/Id No:</b>	Not regulated

**ADR/RID**

<b>Australia Hazardous Statement:</b>	Not classified as hazardous according to criteria of NOHSC
<b>Hazard Class</b>	No Dangerous goods class allocated
<b>Item:</b>	ERGOCORNINE
<b>ADR/RID-labels:</b>	No Dangerous goods class allocated
<b>UN/Id No:</b>	Not regulated
<b>Emergency Action Code (Hazchem code):</b>	Not required
<b>Proper shipping name:</b>	Not Regulated

**ICAO:**

<b>Hazard Class</b>	No Dangerous goods class allocated
<b>Packing group:</b>	None
<b>Proper shipping name:</b>	Not Regulated

**12. REGULATORY INFORMATION****International inventories:**

ERGOCORNINE

<b>Australia (AICS):</b>	Not Present
<b>EU EINECS List -</b>	209-272-7; C31H39N5O5

**Indication of Danger:**

None.

**Safety Phrases:** S36 - Wear suitable protective clothing.**Poisons schedule No. (Aust)/Toxic Substance (NZ):** Not required**13. OTHER INFORMATION****Prepared by:** Health & Safety

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**End of Safety Data Sheet**