



## Material Safety Data Sheet

Catalog Number: 218959

Revision date: 10-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:** TAUROCHENODESOXYCHOLIC ACID SODIUM SALT

**Catalog Number:** 218959

**Synonyms:** Sodium Taurocholate

**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

|   |                          |
|---|--------------------------|
| <b>Component</b>  | <b>Australia (AICS):</b> |
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT<br>145-42-6 (100) | Present                  |

### 3. PHYSICAL DESCRIPTION/PROPERTIES

**Appearance and Odor:** Yellow to tan

**Physical state:** Powder

**Formula:** C<sub>26</sub>H<sub>44</sub>NO<sub>7</sub>Na

**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

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**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 |
|---|------------|----------|-----------|----------------|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | 145-42-6   | 100      | 205-653-7 | --             |

#### 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 |
|---|---|--|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | Not Listed                                  | Not Listed                             |

| Components                              | Australia - Exposure Standards - Skin E | Australia - Exposure Standards - Time W |
|---|---|---|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | 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.

|   |   |
|---|---|
| <b>Skin contact:</b>                              | Rinse immediately with plenty of water and seek medical advice                                    |
| <b>Ingestion:</b>                                 | Do not induce vomiting without medical advice.  |
| <b>Eye contact:</b>                               | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| <b>Protection of first-aiders:</b>                | No information available  |
| <b>Notes to physician:</b>                        | None  |
| <b>Medical conditions aggravated by exposure:</b> | 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:**

**Safe handling advice:**

Use only in area provided with appropriate exhaust ventilation.

Wear personal protective equipment.

**Stability:**

Stable under recommended storage conditions.

**Polymerization:**

None under normal processing.

**Hazardous decomposition products:**

Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.

**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:****Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam

**Specific hazards:**

Burning produces irritant fumes.

**Unusual hazards:**

None known

**Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific methods:**

Water mist may be used to cool closed containers.

## 9. TOXICOLOGICAL INFORMATION

**Product Information****Acute toxicity**

| Components                              | RTECS Number: | Selected LD50s and LC50s |
|---|---------------|--------------------------|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | WX0400000     | Not Determined           |

**Chronic toxicity:**

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

**Local effects:**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Specific effects:**

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

**Carcinogenic effects:**

No data is available on the product itself.

**Mutagenic effects:**

No data is available on the product itself.

**Reproductive toxicity:**

No data is available on the product itself.

## 10. ECOLOGICAL INFORMATION

**Mobility:**

No data available

**Bioaccumulation:**

No data available

**Ecotoxicity effects:**

No data available

**Aquatic toxicity:**

May cause long-term adverse effects in the aquatic environment.

| Components                              | U.S. DOT - Appendix B - Marine Pollutan | U.S. DOT - Appendix B - Severe Marine Pollutants | United Kingdom - The Red List: |
|---|---|--|--------------------------------|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | Not Listed                              | Not Listed                                       | Not Listed                     |

| Components                              | Germany VCI (WGK) | World Health Organization (WHO) - Drinking Water | Ecotoxicity - Fish Species Data |
|---|-------------------|--|---------------------------------|
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | 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> |
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | 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> |
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | Not Listed                       | Not Listed                                       | Not Listed                                    |

|   |   |   |
|---|---|---|
| <b>Components</b>                       | <b>California - Priority Toxic Pollutants</b> | <b>California - Priority Toxic Pollutants</b> |
| TAUROCHENODESOXYCHOLIC ACID SODIUM SALT | 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>                                 | TAUROCHENODESOXYCHOLIC ACID SODIUM SALT                    |
| <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:**

TAUROCHENODESOXYCHOLIC ACID SODIUM SALT

**Australia (AICS):** Present

**EU EINECS List -** 205-653-7; C26H45NO7S.Na

**Philippines PICCS:** Present

**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**