



# MATERIAL SAFETY DATA SHEET

**Product Name: REPORCIN (Porcine Somatotropin for Injection)**

## STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of NOHSC Australia

## COMPANY DETAILS

**Company:** Zamira Life Sciences Pty Ltd

**Address:** 24 Parkhurst Drive, Knoxfield VIC 3180

**Telephone:** (03) 9800 5199 or 1800 622 944

**Emergency Telephone No:** (03) 9800 5199 or 1800 622 944

## IDENTIFICATION

**Product Name:** REPORCIN (Porcine Somatotropin for Injection)

**Other Names:** Porcine somatotropin, pST

**Manufacturer's Product Code:** 45894

**UN Number:** None Allocated

**Dangerous Goods Class:** None Allocated

**Subsidiary Risk:** None Allocated

**Hazchem Code:** None Allocated

**Poisons Schedule Number:** None. Specifically exempted from scheduling.

**Uses:** As a daily injectible for finisher pigs. Use strictly as directed.

## PHYSICAL PROPERTIES / DESCRIPTION

**Appearance:** Sealed glass vials, containing a white to pale yellow powder. Freely soluble in water.

**Boiling Point/Melting Point:** Decomposes above 190°C

**Vapour Pressure:** No data

**Specific Gravity:** Not applicable

**Flashpoint:** None

**Flammability Limits:** No data

**Other Properties:** Sensitive to heat. Requires refrigerated storage. Incompatible with oxidising agents, acids, alkalis.

## INGREDIENTS

| <b>Chemical Entity</b>                   | <b>CAS Number</b> | <b>Proportion</b> |
|------------------------------------------|-------------------|-------------------|
| Porcine somatotropin                     | 9002-72-6         | 80.0 – 95.0%      |
| Ethanolamine                             | 141-43-5          | 2.0 – 4.0%        |
| Sodium chloride                          | 7647-14-5         | 2.0 – 4.0%        |
| Water                                    | 7732-18-5         | 1.0 – 3.0%        |
| Other extraneous matter (mostly protein) |                   | 0.1 – 10.0%       |

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## HEALTH & HAZARD INFORMATION

### HEALTH EFFECTS

#### Acute

**Swallowed:** Not considered to be active when taken orally. May cause mild gastrointestinal irritation.

**Eye:** Dust may be irritating to eyes. Possible risk of mechanical irritation.

**Skin:** Not considered to be irritating to skin.

**Inhalation:** Dust may be slightly irritating to the respiratory system.

#### Chronic

Somatotropins, when administered subcutaneously or intravenously, increase the mass of most tissues by increasing cell numbers rather than cell size. They will affect carbohydrate and lipid metabolism, mobilise stored fat. Somatotropins may be species-specific in their effect. Animal data indicates some potential for adverse reproductive effects.

### FIRST AID

If poisoning occurs, contact a doctor or the Poisons Information Centre by calling 13 11 26.

**Swallowed:** If swallowed, do NOT induce vomiting. Give a glass of water.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use.

**Inhalation:** Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

### ADVICE TO DOCTOR

Product is a mixture for injection, predominantly of porcine somatotropin. Contact the Poisons Information Centre.

## PRECAUTIONS FOR USE

**Exposure Standards:** None assigned by NOHSC.

**Engineering Control:** Ensure adequate ventilation (same as outdoors) when using.

**Personal Protection:** Avoid contact with eyes and skin. Avoid breathing dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:

*Normal use:* Dust mask, eye/face protection, gloves (rubber or plastic)

*Industrial quantities:* Dust mask, face shield or safety glasses, gloves (rubber or plastic), overalls.

**Flammability:** Not flammable.

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## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage Temperature:** Refrigerated. Store below 8°C.

**UN Class:** None

**Packaging Group:** None assigned

**UN Number:** None

**EPG Number:** None

**Correct Shipping Name:** Porcine somatotropin for injection

**Storage Advice:** Store in a refrigerator, below 8°C. Store in original containers until required. Keep away from heat, oxidising agents, acids, and alkalis. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

**Spills and Disposal:** Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.  
CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition.  
CARE! Spillages may be slippery when wet. Mix with inert absorbent, transfer to closed container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent.

**Fire/Explosion Hazard:** Not a fire hazard. Not an explosion hazard.

**Decomposition Products:** Carbon dioxide, water vapour, black smoke, oxides of nitrogen. Incomplete combustion may generate carbon monoxide.

**In case of small fire/explosion use:** Water, foam or dry powder.

### In case of emergency:

**HAZCHEM CODE:** None

**Extinguishant:** Water

**Danger of violent reaction of explosion?** No

**Protective Clothing:** Breathing apparatus and protective gloves for fire only.

**Appropriate measures:** Contain

**Evacuate?** No

**Other Information:** Prevent spillages from entering drains, natural waters or the environment. Dispose of empty glass vials in a suitable "sharps" receptacle.

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## OTHER INFORMATION

**Porcine somatotropin toxicity:** NOEL: 5,000 µg/kg/day oral (rat)  
440 µg/kg/day i.m. (rat)  
200 µg/kg/day i.m. (pig)

## CONTACT POINT

Call Zamira Life Sciences Pty Ltd on: (03) 9800 5199 or 1800 622 944  
**If unable to contact the Company:** Dial Poisons Information Centre: **131 126**  
**Police and Fire Brigade:** Dial **000**

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