



**FORT DODGE AUSTRALIA Pty Limited**

ACN 000 074 902

**1 Maitland Place**

**Baulkham Hills NSW 2153**

**Telephone: (02) 9899 0444**

**Facsimile: (02) 9899 2151**

**Emergency: 1800 033 111**

**MATERIAL SAFETY  
DATA SHEET**

**WORK HAZARD ASSESSMENT**

Not classified as hazardous according to the criteria of Worksafe Australia.

**I IDENTIFICATION**

**Product Name: Suvaxyn<sup>®</sup> M. Hyo Vaccine (50420).**

Other Names: *Mycoplasma hyopneumoniae* bacterin  
Product Code: None.  
UN No: None allocated  
Hazchem Code: None allocated  
Dangerous Goods Class: None allocated  
Sub Risk Class: None allocated  
Packaging Group: None allocated  
Poison Schedule: Not scheduled.  
Chemical Family: Water solution of ingredients (see below). Suspension of *Mycoplasma hyopneumoniae*.  
Uses: An inactivated biological agent for the immunisation of pigs against *Mycoplasma hyopneumoniae*.

**Physical Appearance & Properties**

Appearance & Odour: Red coloured aqueous suspension with no distinct odour.  
Melting/softening point: Approximately 0°C.  
Boiling point and vapour pressure: Approximately 100°C at 100kPa.  
Volatile materials: Water component.  
Flashpoint: Does not burn.  
Specific gravity: No data.  
Solubility in water: Completely soluble.  
Corrosiveness: Not corrosive.

Ingredients	Chemical Entity	CAS No	Proportion, %	Worksafe Exposure Limits	
				TWA, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
	<i>Mycoplasma hyopneumoniae</i> buffer suspension	not set	<10%	not set	not set
	Saline (phosphate buffer)	not set	>60	not set	not set
	Thiomersal (Merthiolate)	54-65-8	0.01	not set	not set
	Adjuvant	100-51-6	0.56	not set	not set
	Other non hazardous ingredients	secret	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

## MATERIAL SAFETY DATA SHEET

### II HEALTH HAZARD DATA

#### Health Effects:

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995), nor in NOHSC's "List of Designated Hazardous Substances" (April 1999).

#### Acute Effects:

- Swallowed: Data suggests that this product should present no significant problems to typical persons in normal use.
- Eye: Data suggests that this product should present no significant problems to typical persons in normal use.
- Skin: Data suggests that this product should present no significant problems to typical persons in normal use.
- Inhalation: Data suggests that this product should present no significant problems to typical persons in normal use.

#### First Aid:

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia. If possible have this MSDS or product label with you.

- Swallowed: If swallowed, do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.
- Self Injection: Accidental self injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up unabsorbed vaccine. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.
- Eyes: If product gets in eyes, wash eyes to remove material. No further measures should normally be required.
- Skin: If product gets on skin, wash skin to remove material. No further measures should normally be required.
- Inhalation: No first aid measures normally required. However, if vapours or dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
- Advice to Doctor: Accidental self injection may lead to an inflammatory response and deep injections, particularly those near a joint or associated with bruising should be treated medically or surgically.

### III PRECAUTIONS FOR USE

#### Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use.

#### Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

## MATERIAL SAFETY DATA SHEET

### Personal Protection:

The following instructions are meant for people coming into frequent and lengthy contact with this product. For occasional use, take precautions suitable for the conditions under which the product is being used.

Respiratory Protection: It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

Protective Gloves: Protective gloves are not normally necessary when using this product. However, it is always prudent to wear gloves. For help in selecting suitable equipment, consult AS 2161.

Eye Protection: Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

Clothing: This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Consult AS2919 for advice on Industrial Clothing.

Safety Boots: Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## IV SAFE HANDLING INFORMATION

### Storage & Transport

No special storage and transport requirements. This product has no UN classification. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Store & transport between 2°C and 8°C. (DO NOT FREEZE). All opened and unused vaccine should be discarded after 24 hours. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

### Spills & Disposals

Sweep up broken containers. Mop up liquid. Dispose of empty container by wrapping with paper and putting in garbage. Discarded needles should immediately be placed in a designated and appropriately labeled sharps container. In the event of a major spill, prevent spillage from entering drains or water courses. No special protective clothing is normally necessary. However use judgement and take care. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations.

### Fire & Explosion Hazard

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Flashpoint: Does not burn.

Flammability limits: Not applicable. This product does not burn.

Extinguishing Media: This product does not burn. Use extinguishing media suited to the materials that are burning.

Special Fire Fighting procedures: When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat and preferably, goggles.

Unusual Fire & Explosion Hazards: Fire decomposition products from this product are not normally hazardous. Likely to decompose only after heating to dryness followed by further strong heating.

Stability: This product is unlikely to spontaneously decompose.

Polymerisation: This product is unlikely to spontaneously polymerise.

Decomposition Products: Carbon dioxide.

Materials to avoid: No particular incompatibilities.

## MATERIAL SAFETY DATA SHEET

### V OTHER INFORMATION

This MSDS is prepared in accord with the Worksafe Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets", 1994.

Contact Point:

Technical Services Manager  
FORT DODGE AUSTRALIA Pty Limited  
1 Maitland Place  
Baulkham Hills NSW 2153

Telephone: (02)9899 0444  
Facsimile: (02)9899 2151  
Emergency: 1800 033 111

**Poisons Information Centre: 13 1126 (from anywhere in Australia)**

Please read all labels carefully before using product.

DISCLAIMER: This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.