



## SAFETY DATA SHEET

### HIPRABOVIS 3

#### Section 1: Identification of the Substance and Supplier

<b>Product Name:</b>	HIPRABOVIS 3
<b>ACVM Registration Number:</b>	A07140
<b>Recommended Use:</b>	Trivalent inactivated vaccine against respiratory and reproductive conditions caused in cattle by IBR/IPV, PI-3 and BVD
<b>Company Details:</b>	AgriHealth NZ Ltd 214 Jervis Road, Herne Bay, Auckland 1011, New Zealand Phone: +64 9 889 8210 Fax: +64 9 984 9455 Website: <a href="http://www.agrihealth.co.nz">www.agrihealth.co.nz</a>
<b>Emergency Telephone:</b>	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
<b>Date of Preparation:</b>	December 2010

#### Section 2: Composition / Information on Ingredients

**Product Components:**

Name	CAS Number	Concentration
Inactivated viral antigens	N/A	
Thiomersal (a preservative)	54-64-8	0.1
Other	N/A	to 1L

#### Section 3: Hazards Identification

<b>Hazard Classifications:</b>	6.5B - contact sensitiser
<b>Priority and Secondary Identifiers:</b>	None required

**Risk and Safety Phrases:** Repeated exposure may cause skin allergy. Avoid skin contact.

#### Section 4: First Aid Measures

**Necessary First Aid Measures:** For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor, immediately.

Skin Contact: If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water. If irritation or symptoms persist, consult a doctor.

Eyes: If splashed in the eyes wash out immediately with water. If wearing contact lenses, remove only after initial rinse and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

Ingestion: If swallowed seek medical attention. DO NOT induce vomiting.

Inhalation: Remove to fresh air.

**Workplace Facilities:** No special facilities are required.

**Required Instructions:** Observe good work practices and avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat or drink while using.

**Notes for Medical Personnel:** Hiprabovis 3 is an inactivated vaccine for use in animals. It contains the antigens to Parainfluenza-3 (PI-3), Bovine Viral Diarrhoea (BVD) and Infectious Bovine Rhinotracheitis (IBR) / Infectious Pustular Vulvovaginitis (IPV). No systemic reaction is expected in humans. Treat symptomatically.

#### Section 5: Fire Fighting Measures

**Type of Hazard:** Non flammable, Non combustible, Non explosive

**Fire Hazard Properties:** Not applicable

**Regulatory Requirements:** Not applicable

**Extinguishing Media and Methods:** Water spray or chemical foam. Treat fire as for the other materials present.

**Hazchem Code:** Not applicable

**Recommended Protective Clothing:** Wear full protective clothing and self-contained breathing apparatus (SCBA)

## Section 6: Accidental Release Measures

**Emergency Procedures:** Wear suitable protective clothing. Restrict access to contaminated area. Contain the spill and prevent further dispersion. Retrieve intact containers from site. Place damaged containers into containment devices. Absorb spills with inert material and place in waste containers. Wash the area with water and absorb with further inert material. Collect spilled material and place in sealable containers for subsequent disposal. Avoid contamination of water courses or sewers. Dispose of waste safely.

## Section 7: Handling and Storage

**Precautions for Safe Handling:** Apply with well-maintained and calibrated equipment. Handle with care. Avoid skin contact.

**Regulatory Requirements:** Not applicable

**Handling Practices:** Not applicable

**Approved Handlers:** Not required

**Conditions for Safe Storage:** Store in the original container in a refrigerator (2 - 8 °C). Protect from light. Keep out of reach of children.

**Store Site Requirements:** This substance is subject to a requirement for an emergency management plan and secondary containment, whenever it is held in quantities of 1,000L or more. See Hazardous Substances (Emergency Management) Regulations.

**Packaging:** Packaging as per schedule 3 (Hazardous Substances Packaging Regulations) for quantities > 1L. UN Packaging Group III.

## Section 8: Exposure Control / Personal Protection

<b>Workplace Exposure Standards:</b>	None set
<b>Application in the Workplace:</b>	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent skin contact.
<b>Exposure Standards outside the Workplace:</b>	TELs and EELs have not been set for this substance at this time.
<b>Engineering Controls:</b>	Ensure adequate ventilation.
<b>Personal Protection:</b>	Wear protective gloves during vaccination. Hands and arms should be carefully washed after vaccination.

## Section 9: Physical and Chemical Properties

<b>Product Properties:</b>	<u>Formulation Type:</u> Vaccine containing antigens to BVD, PI-3 and IBR/IPV viruses
	<u>Appearance:</u> Pink / red liquid
	<u>pH:</u> 7 - 8.5
	<u>Vapour Pressure:</u> N/A
	<u>Solubility in Water:</u> Formulated as a suspension of antigens in water

## Section 10: Stability and Reactivity

<b>Stability of the Substance:</b>	Stable under normal conditions of use and storage
<b>Conditions to Avoid:</b>	No specific conditions to avoid
<b>Material to Avoid:</b>	No specific materials to avoid
<b>Hazardous Decomposition Properties:</b>	No hazardous properties are expected, except when heated to decomposition
<b>Hazardous Polymerisation:</b>	Components are not expected to form hazardous polymers

## Section 11: Toxicological Information

May cause mild skin irritation. Repeated exposure may cause skin allergy.

Thiomersal is an organic mercurial used as an antiseptic and as a preservative in many vaccines. Mercury derivatives are frequent contact allergens known to induce skin reactions in humans. Concentrations of thiomersal >0.005% and <0.1% are only identified as sensitizers by ERMANZ. Higher concentrations are also acute toxins, skin and eye corrosive/irritants, potential mutagens and carcinogens, reproductive/developmental toxins and target organ toxins (neurotoxicity).

## Section 12: Environmental Information

**Potential Environmental Interactions:** Not toxic to the environment

**Environmental Risk and Safety Phrases:** Not classified as dangerous for rail, air or sea transport

## Section 13: Disposal Considerations

**Disposal Information:** Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Burn empty container in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill. DO NOT use container for any other purpose.

## Section 14: Transport Information

**Relevant Information:** Not classified as dangerous for rail, air or sea transport

## Section 15: Regulatory Information

<b>Regulatory Status:</b>	Registered pursuant to the ACVM Act 1997, No A07140 See <a href="http://www.nzfsa.govt.nz/acvm">www.nzfsa.govt.nz/acvm</a> for registration conditions  Approved pursuant to the HSNO Act, Approval code HSR000015 See <a href="http://www.ermanz.govt.nz">www.ermanz.govt.nz</a> for approval conditions
<b>HSNO and ACVM Controls:</b>	Refer to section 3 Emergency management plan >1,000L
<b>List Exposure Limits:</b>	None set

## Section 16: Other Information

<b>Additional Information:</b>	For product information refer <a href="http://www.agrihealth.co.nz">www.agrihealth.co.nz</a>
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