



SAFETY DATA SHEET

PHENAX[®] Classic

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	PHENAX [®] Classic
Recommended use:	Veterinary vaccine for the immunisation of sheep and goats to protect against Scabby mouth disease (Contagious Pustular Dermatitis or Orf Vaccine).
Company details:	BioCell Corporation Limited. PO Box 23-610, Papatoetoe, New Zealand Telephone Number (+64) 9-2700755 Website:www.biocellcorp.co.nz
Emergency Telephone Numbers:	National Poisons Centre New Zealand: 0800 764 766 (0800 POISON) 24 hours Human Health 0800 243 622 (0800 CHEMCALL) 24 hours

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: Non-hazardous product under the HSNO Act 1996

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name	CAS number	Concentration
Scabby mouth (Orf) vaccine	-	varies
Glycerol	56-81-5	30-40%



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SECTION 4: FIRST AID MEASURES

Necessary first aid measures:

Skin Contact: Wash area immediately with soap and water and a disinfectant for at least 5 minutes. If a lesion develops, dress with waterproof dressing. Change the dressing regularly to keep the lesion dry. Never open or probe the lesion. OBTAIN MEDICAL ATTENTION IF LESIONS DEVELOP

Contamination of broken skin with Phenax[®] Classic may within a week after contact produce a small red lesion at the site. If the surface of the lesion is broken it may weep a watery fluid containing live virus which is potentially infective. This lesion will develop over the next few days into a pustule initially with a pale surrounding ring, which then reddens. The pustule may reach the size of a 10-cent piece. Over 10-14 days the pustule tends to dry and form a crust and then a scab under which the skin starts to heal. This should be left intact. The lesion tends to be more irritating rather than painful.

The papule may be accompanied by a low-grade fever that usually lasts a few days, or by mild enlargement of the lymph nodes. Complications are rare but occasionally a generalised skin rash can develop.

Eye Contact: In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for atleast 15 minutes. OBTAIN MEDICAL ATTENTION IF LESIONS DEVELOP.

Ingestion: OBTAIN MEDICAL ADVICE. Rinse mouth and lips thoroughly. Do not induce vomiting unless under the direction of a qualified medical professional or the National Poisons Centre.

Inhalation: Remove patient to fresh air. If not breathing, apply resuscitation and OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Required instructions: For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Notes for medical personnel: This person has been exposed to Contagious Pustular Dermatitis (Orf) virus and may be infected. Infections with Orf virus are limited to the epithelium and oral mucosa. Lesions normally resolve within 14 days. Immunocompromised individuals may require additional care.



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SECTION 5: FIRE FIGHTING MEASURES

Type of Hazard:	Non-flammable, combustible and non-explosive. Will decompose, killing the living virus.
Fire hazard properties:	Not applicable
Regulatory requirements:	Not applicable
Extinguishing media and methods:	Carbon dioxide (CO ₂), extinguishing powder or water spray.
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 the contaminated area. Contain the spill and prevent further dispersion. Absorb any spilled product and place in a sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect the washings and place them in the same sealable container for disposal. Seek advice from the local authority regarding disposal. Prevent contamination of any water source or soil with the product or the empty container.
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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Always use with extreme care. Do not rub hair or face while using. Do not eat, drink, or smoke until hands and arms have been thoroughly washed. Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Not required
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved handlers	Not required
Conditions for safe storage	Store in original container. Keep out of reach of children.
Store site requirements	The vaccine must be kept cold at all times and can be stored either in a refrigerator @ 2-8°C or preferably in a freezer @ ≤ -18°C.
Packaging	None

SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

Workplace exposure standards	Not applicable
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No Tolerable Exposure Limit (TEL) is set for this substance at this time. Emergency Exposure Limit(EEL) -not applicable
Personal protection	Wear chemical resistant gloves, facemask and goggles.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A blue-coloured suspension in Tris -glycerol-saline.
Boiling point	Approximately 100°C
Melting/Softening point	Not applicable
Vapour Pressure	Not applicable
Specific Gravity	1.12
Solubility(H₂O)	Soluble
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance	Stable under normal conditions
Conditions to avoid	Extremes of temperature. Exposure to light.
Material to avoid	Avoid food products
Hazardous decomposition	Carbon monoxide. Carbon dioxide(CO ₂)

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects for individual ingredients only.

No Tolerable Exposure Limit (TEL) is set for this substance at this time.

Chronic/long term effects for individual ingredients only.

SECTION 12: ENVIRONMENTAL INFORMATION

Effects for individual ingredients only.



Emergency Exposure Limit (EEL) -not applicable.

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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal information	<u>Disposal:</u> Disposal of unused contents by boiling vial before burying in a suitable landfill or incinerating. <u>Container disposal:</u> Dispose of empty vials by placing in a designated, labelled biologicals container, or boiling before burying in a suitable landfill, or incinerating.
Reference	Current version of NZS 8409 Management of agrichemicals.

SECTION 14: TRANSPORT INFORMATION

Relevant information: UN No. Proper shipping name DG CLASS Packing group Hazchem code Limited Quantities	3373 BIOLOGICAL SUBSTANCE, CATEGORY B 6.2 None Not applicable. Not applicable.
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SECTION 15: REGULATORY INFORMATION

Regulatory status	ACVM Registration No: A006422 See : www.mpi.govt.nz Approval not required under HSNO Act 1996. RESTRICTED VETERINARY MEDICINE
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SECTION 16: OTHER INFORMATION

Additional Information: **PHENAX[®] Classic** is a registered trademark of BioCell Corporation Limited.

This Safety Data Sheet 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. BioCell Corporation Ltd. makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Each user should read this Safety Data Sheet 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.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING THIS PRODUCT.