



Virbac New Zealand Limited

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Phenax Classic**
Product Use: Scabby mouth vaccine for sheep and goats.
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Virbac New Zealand Limited**
Address: 26 – 30 Maui Street
Pukete, Hamilton

Telephone: +64 7 849 6782
Customer Service Toll no: 0800 VIRBAC (0800 847 222) (Mon-Fri 8:30am to 4:30pm)
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 13 April 2022

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

Section 3. Composition / Information on Hazardous Ingredients

Ingredient	Cas No	Quantity [per 1 ml dose]
Scabby mouth (Orf) vaccine	Not applicable	Varies
Glycerol	56-81-5	30- 40

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes In case of eye contact, immediately wash eyes continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart & away from eye & moving the eyelids by occasionally lifting the upper & lower lids. If discomfort persists, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

If on Skin 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.

If Swallowed 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 on 0800 POISON (0800 764 766).

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Notes to Doctor: 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.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	Will decompose, killing the living virus.
Suitable Extinguishing media	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus (SCBA) and protective gloves.
HAZCHEM CODE	2X

Section 6. Accidental Release Measures

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. Prevent contamination of any water source or soil with the product or the empty container. Dispose of in compliance with local and/or national regulations as per Section 13.

Section 7. Handling and Storage

Precautions for 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.

Precautions for Storage:

- Keep out of reach of children.
- Avoid contact with skin.

- Keep containers adequately sealed during material transfer, transport, or when not in use.
- Store in original container, tightly closed, away from foodstuffs.
- Store between +2°C and +8°C.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	mg/m ³	STEL	
			ppm	mg/m ³
Glycerin (mist) [56-81-5]	-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

Engineering Controls

Ensure adequate ventilation. Keep container sealed when not in use

Personal Protection Equipment

Eyes	Wear facemask and goggles to avoid contact with eyes.
Skin	Wear protective gloves and clothing when handling. Wash skin after handling.
Respiratory	Not required.

Section 9 Physical and Chemical Properties

Appearance	A blue-coloured suspension in Tris -glycerolsaline.
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Approximately 100°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Combustibility	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	1.12
Water Solubility	Soluble
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal storage conditions of use.
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Possibility of hazardous reactions	No data available.
Conditions to Avoid	Extremes of temperature. Exposure to light.
Incompatible Materials	Avoid food products.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide(CO ₂)

Section 11 Toxicological Information

Please note that this product is an infectious substance

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Disposal of unused contents by boiling vial before burying in a suitable landfill or incinerating. Dispose of empty vials by placing in a designated, labelled biologicals container, or boiling before burying in a suitable landfill, or incinerating.

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Road, Rail, Sea and Air Transport

UN No	3373
Class - Primary	6.2
Proper Shipping Name	BIOLOGICAL SUBSTANCE, CATEGORY B
Marine Pollutant	No

Section 15**Regulatory Information**

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Only use for the intended purpose.
ACVM Approval No See www.foodsafety.govt.nz for registration Conditions	A006422

Section 16**Other Information****Glossary**

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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