

SAFETY DATA SHEET

Scabine®

Section 1: Identification of the Substance and Supplier

Product name	Scabine
Recommended use	Veterinary vaccine for the immunisation of sheep and goats to protect against scabby mouth disease.
Company details	Schering-Plough Animal Health Limited 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	This product is considered non-hazardous under the HSNO Act 1996 as it does not exceed the thresholds defined under the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017. However, this substance is considered a class 6.2 infectious material and appropriate precautions (as set out in the following sections) should be taken when handling and disposing of this substance.
------------------------	---

Section 3: Composition/Information on Ingredients

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

Section 4: First Aid Measures

Necessary first aid measures	<p>SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes. Wash skin immediately with soap and water and a disinfectant for at least 5 minutes. If a lesion develops, dress with a waterproof dressing. Changing dressing regularly to keep lesion dry. Never open or probe the lesion. OBTAIN MEDICAL ATTENTION</p> <p>Contamination of broken skin with Scabine may, about 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 (an inflammatory elevation of the skin) initially with a pale surround ring with then reddens. The pustule may reach the size of a 20c 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.</p> <p>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 at least 15 minutes. OBTAIN MEDICAL ATTENTION.</p>
-------------------------------------	--

SAFETY DATA SHEET

Scabine[®]

Page 2 of 5

INGESTION OBTAIN MEDICAL ADVICE. Rinse mouth and lips thoroughly. Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre.

INHALATION Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Notes for medical personnel	This patient 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 with 14 days. Immuno-compromised patients may require additional care.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable. Will decompose and kill 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

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. Avoid contamination of any water source or soil with product or empty container.

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	None specified.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required

SAFETY DATA SHEET

Scabine®

Conditions for safe storage	Store in original container. Keep out of reach of children.
Store site requirements	Store away from light at 2°C to 8°C. DO NOT FREEZE.
Packaging	None

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No WES is set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL is set for this substance at this time.
Personal protection	Take special care when handling this vaccine, as it contains living virus which is infectious to humans. Wearing gloves and eye protection will minimise this risk. If handling sheep immediately after vaccination, care should be taken to avoid coming into contact with the vaccinated area. Any accidental skin splashes should be carefully washed with soap and water and any cuts treated with a suitable disinfectant, such as iodine. Particular care should be taken to see that vaccine is not inadvertently rubbed into the operator's hair or onto the face.
Engineering controls	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

Section 9: Physical and Chemical Properties

Appearance	A green-coloured suspension in buffered glycerol-saline
Boiling Point	Approximately 100°C
Melting/Softening point	Not applicable
Vapour Pressure	Not applicable
Specific Gravity	1.12
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable

SAFETY DATA SHEET

Scabine®

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 products	Carbon monoxide. Carbon dioxide (CO ₂)

Section 11: Toxicological Information

Acute effects for individual ingredients only

TEL	No 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

EEL	No EEL is set for this substance at this time.
-----	--

Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents at a biological waste facility. Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

UN Number	3373
UN proper shipping name	BIOLOGICAL SUBSTANCE, CATEGORY B
UN dangerous goods class and subsidiary risk	6.2
UN Packaging Group	None specified
Environmental hazards	None identified
Special precautions when transporting the substance	None specified

SAFETY DATA SHEET

Scabine®

Section 15: Regulatory Information

Regulatory status

ACVM Registration No: A0662
For conditions of registration see www.foodsafety.govt.nz

Approval not required under the HSNO Act 1996.

RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information

Scabine is a registered trademark.

Schering-Plough Animal Health Ltd known as MSD Animal Health, is a subsidiary of Merck & Co., Inc., Whitehouse Station, NJ, USA. Schering-Plough urges each user or recipient of this SDS to read the entire data sheet to become aware of the potential hazards associated with this material. This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, Schering-Plough Animal Health Ltd extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).