


Hibitane® Plus**Section 1: Identification of the Substance and Supplier**

Product name	Hibitane Plus
Recommended use	Veterinary product – teat spray for cows.
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 8am – 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	9.1B: Aquatic ecotoxicant
GHS Pictogram:	
Signal word	No signal word
Hazard statement	H411: Toxic to aquatic life with long lasting effects.
Prevention statement	P102: Keep out of the reach of children. P103: Read label before use. P273: Avoid release to the environment.
Response statement	P391: Collect spillage.
Disposal	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Glycerine	56-81-5	60-70%
Chlorhexidine digluconate	18472-51-0	2.25%

Section 4: First Aid Measures**Necessary first aid measures**

SKIN CONTACT While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

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. If irritation occurs or persists, consult a doctor.

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INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION Remove to fresh air and provide oxygen if necessary. 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	Not considered harmful to human health.
Workplace facilities	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Water, carbon dioxide (CO ₂), foam, or dry chemical.
Hazchem code	2X
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	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. Store in dark container or away from light. Store away from heat source. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	An emergency response plan is required where quantities greater than 1000 L are present Signage is required for quantities greater than 1000 L are present

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Note: *Signage indicating the presence of this hazardous substance is only required at the primary human entrance to a building where animals are milked, rather than every entrance to the building or internal rooms/compartments.*

Handling practices	Avoid contact with eyes. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use.
Store site requirements	Store in a cool, dry, well ventilated area.
Packaging	Packing Group III

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	Glycerin mist: TWA 10 mg/m ³ . Note this value is for inspirable dust. This product is a liquid.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Personal protection	No personal protection is recommended for skin or eyes. If irritation occurs, use Wear chemical resistant overalls, facemask or goggles as appropriate.
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	Clear, blue liquid
Boiling Point	Not determined
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Hibitane® Plus**Section 10: Stability and Reactivity**

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Open flames and high temperatures.
Material to avoid	Strong acids and bases. Oxidisers.
Hazardous decomposition products	Carbon oxides (CO _x).

Section 11: Toxicological Information**Acute effects for individual ingredients only**

ORAL	Chlorhexidine digluconate: LD50: 1260 mg/kg (rat) [NIIRDN Drugs in Japan (Ethical Drugs). (Yakugyo Jiho Co., Ltd., Tokyo, Japan) Volume (issue)/page/year: 6,255,1982]
INHALATION	Glycerin: Inhalation LC50 (1hr): >570 mg/m ³ [>0.57 mg/L] (rat)
TEL	No TEL is set for this substance at this time.

Section 12: Environmental Information**Effects for individual ingredients only**

AQUATIC	Glycerin: 96-hr LC50 (trout): 50-67 mg/L Glycerin: 8-day EC50 (algae): 2900 mg/L Chlorhexidine digluconate: 96hrLC50 0.6 (Lepomis macrochirus Bluegill) [ECOTOX] Chlorhexidine digluconate: 48hrLC50 0.06 (Daphnia magna Water flea) [ECOTOX]
EEL	No EEL is set for this substance at this time.

Section 13: Disposal Considerations

Disposal information	<p>Disposal Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.</p> <p>Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.</p>
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

UN Number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine digluconate)
UN dangerous goods class and subsidiary risk	9
UN Packaging Group	PG III

SAFETY DATA SHEET

Hibitane® Plus

Environmental hazards Marine Pollutant

Special precautions when transporting the substance



Section 15: Regulatory Information

Regulatory status

HSNO Approval Code: HSR002305
For a full listing of controls see www.epa.govt.nz

ACVM registration number: A003521
For conditions of registration see www.foodsafety.govt.nz

Section 16: Other Information

Additional information

Hibitane is a registered trademark

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