



Teat Wipes

Section 1: Identification of the Substance and Supplier

Product name	Teat Wipes (160 Wipes)
Recommended use	Wipes containing Isopropanol solution for disinfection of cow teats.
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt 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	January 2021

Section 2: Hazards Identification

Hazard classifications	4.1.1B
Priority identifiers	Warning
Secondary identifier	4.1.1B – Warning – Flammable solid – keep away from sources of heat
Risk & Safety Phrases	R11 Highly flammable R67 Vapours may cause drowsiness and dizziness NOTE: The finished product does not contain any free liquid.

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Isopropanol (2-propanol)	63-63-0	30 - 60%
Non-Woven Fabric	-	10 - 30%
Water	-	Balance

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, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.</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. If irritation occurs or persists, consult a doctor.</p> <p>INHALATION: Remove affected person promptly to fresh air. If any trouble breathing, signs of drunkenness (intoxication or inebriation) or dizziness, nausea or unconsciousness occurs, get immediate medical attention. Administer artificial respiration if breathing has ceased.</p>
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INGESTION: Unlikely to occur due to physical state of product, However if ingested, rinse mouth with water. DO NOT induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre. If symptoms develop, consult a doctor.

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

Notes for medical personnel There is no specific antidote for Isopropanol. Treat systematically as for narcotic substance.

Section 5: Fire Fighting Measures

Type of hazard Flammable.

Fire hazard properties Burning can produce carbon monoxide and/or carbon dioxide.

Regulatory requirements 2 Fire extinguishers required for quantities greater than 875 canisters.

Extinguishing media and methods Carbon dioxide (CO₂), extinguishing powder, foam or coarse spray.

Hazchem code 2Y

Recommended protective clothing Wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Emergency procedures Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Collect containers and any product and place in sealable container for disposal. Wash down affected area with water plus detergent. Seek advice from the local authority regarding disposal.

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. See Section 8 (Exposure Controls) for additional guidance.

Regulatory requirements Signage required where quantities greater than 3,500 canisters are present. Emergency Plan required where quantities greater than 35,000 canisters are present. Location certificate required where quantities greater than 300 canisters are present. Hazardous Atmosphere Zone applicable where quantities greater than 595 canisters are present. Two fire extinguishers are required where quantities greater than 875 canisters are present.

Handling practices Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.

Approved handlers N/A

Conditions for safe storage Store in original container in a cool, dry, ventilated place. Keep container sealed when not in use.

Store site requirements As above. Keep out of reach of children.

Packaging Schedule 4



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Section 8: Exposure Control/Personal Protection

Workplace exposure standards	Isopropanol TWA (vapour) 400ppm (983mg/m ³)
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL is set for this substance at this time No EEL is set for this substance at this time
Personal protection	Under typical use wipes can be used without restriction.

Section 9: Physical and Chemical Properties

Appearance	Plastic container containing non-woven wipes impregnated with an alcoholic solution with no residual free liquid.
Boiling Point	Not applicable
Melting/Softening point	Not applicable
Vapour Pressure	44 mm Hg at 20°C
Vapour Density	2.1 (Air=1)
Specific Gravity	Not applicable
Solubility (H ₂ O)	Not applicable
Percent Volatile	87% w/w
Ignition Temperature	>200°C
Flash Point	21°C (for wipes) tag closed cup

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Heat, sparks, flame and build up of static electricity and other ignition sources.
Material to avoid	Strong oxidising agents.
Hazardous decomposition products	Decomposition products include oxides of carbon.

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	LD50 3600mg/kg (mouse) (Isopropanol) [ERMA]
DERMAL	LD50 12870mg/kg (rat) (Isopropanol)
INHALATION	LC50 7.26mg/L/4hr (rat) (Isopropanol)
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Prolonged or repeated skin contact may result in dermatitis due to de-fatting.



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

EEL Not applicable

Section 13: Disposal Considerations

Disposal information **Disposal**
Empty container and lid can be recycled as per local council waste recycling regulations.
Used wipes are biodegradable and can be disposed of by burying in a suitable landfill after the solution has evaporated.

Reference Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information Not classified as a Dangerous Good for Transport

Other requirements

Section 15: Regulatory Information

Regulatory status ACVM Registration No: Not applicable
HSNO Approval Code: HSR002522 Class 4 Group Standard

HSNO and ACVM controls **Approved Handlers:** N/A
Emergency Plan: > 35,000 canisters
Signage: > 3,500 canisters
Location Certificate: > 300 canisters

Section 16: Other Information**Additional information**

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