



## Teat Wipes

## Section 1: Identification of the Substance and Supplier

Product name	<b>Teat Wipes (100 Wipes)</b>
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 2013

## Section 2: Hazards Identification

Hazard classifications	4.1.1B
Priority identifiers	<b>Warning</b>
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

<b>Necessary first aid measures</b>	<p><b>SKIN CONTACT:</b> 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><b>EYE CONTACT:</b> 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><b>INHALATION:</b> 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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## Teat Wipes

**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 1,487 canisters.

**Extinguishing media and methods** Carbon dioxide (CO<sub>2</sub>), 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 5,590 canisters are present. Emergency Plan required where quantities greater than 59,500 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 1,487 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



## Teat Wipes

**Section 8: Exposure Control/Personal Protection**

<b>Workplace exposure standards</b>	Isopropanol TWA (vapour) 400ppm (983mg/m <sup>3</sup> )
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time No EEL is set for this substance at this time
<b>Personal protection</b>	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 <sub>2</sub> 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**

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks, flame and build up of static electricity and other ignition sources.
<b>Material to avoid</b>	Strong oxidising agents.
<b>Hazardous decomposition products</b>	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.



## Teat Wipes

**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 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:** > 59,500 canisters**Signage:** > 5,950 canisters**Location Certificate:** > 300 canisters**Section 16: Other Information****Additional information**

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