



Teat Wipes

Section 1: Identification of the Substance and Supplier

Product name	Teat 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	November 2011

Section 2: Hazards Identification

Hazard classifications	3.1B, 6.1E, 6.3B, 6.4A
Priority identifiers	Danger
Secondary identifier	3.1B Highly flammable liquid and vapour – keep away from sources of ignition. 6.1E May be harmful if swallowed, inhaled or absorbed through the skin. 6.3B May cause mild skin irritation. 6.4A May cause eye irritation.
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 1,487 canisters.
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder, foam or fine spray.
Hazchem code	2YE
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.
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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 1,487 canisters are present. Emergency Plan required where quantities greater than 5,950 canisters are present. Location certificate required where quantities greater than 595 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	Required where quantities greater than 2,975 canisters are present.
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



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

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**

UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL)

Class 3 Schedule 4

Limited quantities: < 30 canisters (5L)

Maximum quantity for own agricultural use: <1,488 Canisters (250L)

Other requirements

Refer to Haznote.

Section 15: Regulatory Information**Regulatory status**

ACVM Registration No: Not applicable

HSNO Approval Code: HSR002528.

HSNO and ACVM controls

Approved Handlers: > 2,975 canisters

Emergency Plan: > 5,950 canisters

Signage: > 1,487 canisters

Location Certificate: > 595 canisters

Section 16: Other Information**Additional information**

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