

Biocell towels/lavettes

Material Safety Data Sheet

Preparation Date: 02-Oct-2007

Revision Date: 25-Feb-2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Biocell towels/lavettes
Item#: CAN6107
Recommended use Wet udder towels

Supplier DeLaval Inc.
150-B Jameson Drive
Peterborough, Ontario, K9J 0B9

Tel: (705) 741-3100

Emergency Telephone Number
(613) 996-6666 (Canutec)

2. HAZARDS IDENTIFICATION

Emergency Overview
Combustible material

Principle Routes of Exposure Eye contact

Eyes Contact with eyes may cause irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	OSHA PEL
Ethyl alcohol	64-17-5	1 - 5	TWA: 1000 ppm TWA: 1900 mg/m ³
Isopropyl alcohol	67-63-0	1 - 5	TWA: 400 ppm TWA: 980 mg/m ³ STEL: 1225 mg/m ³ STEL: 500 ppm

4. FIRST AID MEASURES

Eye contact

- Rinse thoroughly with plenty of water, also under the eyelids
- If eye irritation persists, get medical advice/attention

5. FIRE-FIGHTING MEASURES

Fire Hazard combustible material.

Suitable Extinguishing Media Water, Carbon dioxide (CO₂), Foam

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Health	Flammability	Instability
1	2	0

NFPA Special Hazard None

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Other Information. Not applicable

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Ethyl alcohol	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m ³ STEL: 1225 mg/m ³ STEL: 500 ppm

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Eye/face Protection Avoid contact with eyes.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Melt**10. STABILITY AND REACTIVITY****Chemical Stability** Stable under normal conditions.**Conditions to Avoid** Heat, flames and sparks.**Incompatible Materials** No materials to be especially mentioned**11. TOXICOLOGICAL INFORMATION**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	7060 mg/kg (rat)		124.7 mg/L (rat)
Isopropyl alcohol	4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4 h

Carcinogenicity Contains no ingredient listed as a carcinogen**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethyl alcohol			EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	EC50 = 10800 mg/L 24 h EC50 = 9268 mg/L 48 h
Isopropyl alcohol	EC50 > 1000 mg/L 72 h EC50 > 1000 mg/L 96 h		EC50 = 35390 mg/L 5 min	EC50 = 13299 mg/L 48 h

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method** Dispose of contents/container in accordance with local regulation.**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

TDG

Not regulated

15. REGULATORY INFORMATION

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Ethyl alcohol	Present	X		200-578-6		X	X	KE-13217	X	X
Isopropyl alcohol	Present	X		200-661-7		X	X	KE-29363	X	X

USA**Federal Regulations****TSCA**

Complies

Chemical Name		CAS-No	Category	Type	
Ethyl alcohol		64-17-5	Developmental		
Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	X	X	X		X
Isopropyl alcohol	X	X	X		X

16. OTHER INFORMATION

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