

SAFETY DATA SHEET

Californian Mastitis Test

Preparation Date: 02-Oct-2014
Revision Number: 0.3
Date of last revision: 16-Jun-2022

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

Product Name	Californian Mastitis Test
Item#:	AUS00008
Recommended use	chemical reaction medium
Uses advised against	Restricted to professional users
Contact Manufacturer	DeLaval Operations SP. z.o.o ul. Robotnicza 72 53-608 Wrocław Poland Tel: +48 71 782 70 00 Email MSDS.EU@delaval.com
Supplier	DeLaval Pty. Ltd. ACN 004 210 459, 37 Bayside Avenue, Port Melbourne, VIC 3207, Australia. +61-3-8336 7977, Fax +61-3-8336 7900
Emergency Telephone Number	131 126 (Poison Control Centre)

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Not Hazardous.

2.2. Label Elements

Not Hazardous

Precautionary statements P102 - Keep out of reach of children

Note

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Bromocresol purple	115-40-2	0 - 1%
Sodium tripolyphosphate anhydrous	7758-29-4	0 - 1%
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	0 - 1%
Sodium hydroxide	1310-73-2	0 - 1%
Sodium alkylobenzene sulfonate	90194-45-9	1 - 10%

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Effects of overexposure	No information available
Indication of any immediate medical attention and special treatment needed	No information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	No information available.
Protective Equipment and Precautions for Firefighters	Standard procedure for chemical fires.
Hazchem Code	No Hazchem Code allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	For personal protection see section 8.
Environmental Precautions	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Safe Handling Advice	Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits No exposure standard allocated

Chemical name	ES-TWA	ES-STEL	ES-Peak
Sodium hydroxide			2 mg/m ³

Biological standards No biological limit allocated

Engineering Controls Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection If splashes are likely to occur, wear:, Goggles

Skin Protection Long sleeved clothing

Hand Protection Protective gloves

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance purple
Physical state Liquid
Odor No information available
Odor Threshold No information available

pH 6.5 +/- 7.5
Specific Gravity No data available
Water Solubility Soluble in water

Vapor Pressure No data available
Vapor Density No data available

Flash Point No data available
Autoignition Temperature No data available
Boiling Point/Range No data available
Melting Point/Range No data available
Freezing Point/Range No data available
Decomposition temperature No information available
Flammability (solid, gas) No information available
Explosion Limits No information available
Evaporation Rate No data available
Relative Density No data available
Solubility No information available
Partition Coefficient (n-octanol/water) No data available
Viscosity No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal use
Conditions to Avoid	No information available.
Incompatible Materials	No information available
Hazardous decomposition products	No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

**Component Analysis -
LD50/LC50**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium tripolyphosphate anhydrous 7758-29-4	= 3120 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs 85536-14-7	= 1470 mg/kg (Rat)	= 2000 mg/kg (rat)	-
Sodium hydroxide 1310-73-2	2000 mg/Kg	1350 mg/kg	
Sodium alkylbenzene sulfonate 90194-45-9	= 650 mg/kg (Rat)		

Potential Health Effects

Skin Corrosion/Irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Effects	No information available.
STOT - single exposure	No information available.

STOT - repeated exposure Not hazardous.

Aspiration Hazard No information available.

Information on likely routes of exposure No known significant effects or critical hazards

Early onset symptoms related to exposure (Immediate effects) None known

Delayed health effects from exposure none known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium tripolyphosphate anhydrous		1650: 48 h Leuciscus idus mg/L LC50		
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	36: 72 h Desmodesmus subspicatus mg/L EC50	5.6: 96 h Cyprinus carpio mg/L LC50 flow-through		5.2: 48 h Daphnia magna mg/L EC50
Sodium hydroxide		LC 50 (96 h) 45.4 mg/l (Oncorhynchus mykiss)		EC50 (48h): 40.4 mg/l (Ceriodaphnia dubia)
Sodium alkylobenzene sulfonate	4.29 - 12.5: 96 h Pseudokirchneriella subcapitata mg/L EC50 9: 96 h Desmodesmus subspicatus mg/L EC50 11: 72 h Pseudokirchneriella subcapitata mg/L EC50	5.1: 96 h Brachydanio rerio mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 0.7: 96 h Pimephales promelas mg/L LC50 static 0.6 - 1.9: 96 h Brachydanio rerio mg/L LC50 semi-static 3.4: 96 h Pimephales promelas mg/L LC50		0.63: 48 h Daphnia magna mg/L EC50

Persistence and degradability No information available

Bioaccumulation/Accumulation No information available.

Mobility No information available.

Other adverse effects No information available

Biodegradation No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Road and Rail transport

UN-No	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
Environmental hazard	Not regulated
Special Precautions	Not regulated
Hazchem Code	No Hazchem Code allocated

IMDG/IMO

UN number or ID number	Not regulated
Proper shipping name	Not regulated
Technical name	Not regulated
Transport hazard class(es)	Not regulated
Packing Group	Not regulated
IMDG Marine Pollutant	Not regulated

IATA/ICAO

UN number or ID number	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture No information available

Poison Schedule Number No poison schedule number allocated

16. OTHER INFORMATION

Prepared By DeLaval NV
Industriepark-Drongen 10
9031 Gent
Belgium

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Reason for revision Supplier Address.

Disclaimer

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End of SDS