SAFETY DATA SHEET DeLaval Camera Cleaner

Preparation Date: 08-Oct-2018
Revision Number: *1.1*
Revision Date: *13-Sep-2024*
Date of Next Revision: *12-Sep-2029*

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

Product Name	DeLaval Camera Cleaner
Item#:	NZ0019
Recommended use	Cleaning agent
Uses advised against	Restricted to professional users
Supplier	DeLaval Ltd, 82 Greenwood street, Hamilton New Zealand
Telephone Number	(07) 849-6020 (8am - 4:30pm Mon-Fri)
Emergency Telephone Number	0800 764 766 (National Poison Centre) 0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS

Skin corrosion/irritation - Category 2
Serious eye damage/eye irritation - Category 2

2.2. Label Elements

Hazard Pictogram(s)

Signal word	WARNING
Hazard Statements	H315 - Causes skin irritation H319 - Causes serious eye irritation
Precautionary statements	P102 - Keep out of reach of children P280 - Wear protective gloves/protective clothing/eye protection/face protection P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	10 - 30%
Sodium laurylether sulfate	68891-38-3	1 - 10%
Sodium Hydroxide	1310-73-2	1 - 10%

4. FIRST AID MEASURES

Workplace Facilities Eyewash bottle with clean water

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Call a physician immediately.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation Move to fresh air.
If breathing is difficult, give oxygen.
If symptoms persist, call a physician

Ingestion Do not induce vomiting.
Drink 1 or 2 glasses of water.
Call a physician or Posion Control Centre immediately.
Never give anything by mouth to an unconcscious person.

5. FIRE-FIGHTING MEASURES

Hazchem Code No Hazchem Code allocated

Flammable Properties No information available.

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 Keep product and empty container away from heat and sources of ignition.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation.

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

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Type of Container/Package Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	WES (New Zealand)
Sodium Hydroxide	Ceiling: 2 mg/m^3

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields.

Skin Protection Long sleeved clothing

Respiratory Protection No special protective equipment required.

General Hygiene Considerations

Keep away from food, drink, and animal feeding stuffs. When using, do not eat, drink, or smoke. Contaminated work clothing should not be allowed out of the work place. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Orange
Physical state Liquid
Odor No information available
pH 5.5
Vapor Pressure No data available
Vapor Density No data available
Flash Point No data available
Autoignition Temperature No data available
Upper flammability limit: No data available
Lower flammability limit: No data available
Boiling Point/Range No data available
Freezing Point/Range No data available
Solubility No information available
Solubility in other solvents No data available
Specific Gravity No data available
Liquid Density 1.031 g/ml
Kinematic viscosity

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

Hazardous decomposition products None under normal use.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

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

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	1470 mg/kg (Rat)	2000 mg/kg (rat)	-
Sodium laurylether sulfate	2870 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Sodium Hydroxide	-	1350 mg/kg (Rabbit)	-

Irritation Contact with eyes or skin causes irritation
Corrosivity Not classified. (OECD 438 & OECD 439).
Sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity There are no known carcinogenic chemicals in this product.
Reproductive Effects No information available.
Developmental Effects No information available.
STOT - single exposure No information available
STOT - repeated exposure No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects Prevent release to the environment.
Do not allow to enter drinking water supplies, waste water, or soil!

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
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 laurylether sulfate	EC50= 10-100 mg/l (72h)	LC50= 1-10mg/l	EC10 > 10000 mg/l, Pseudomonas Pudida (16h) EC50 > 10000 mg/l, Pseudomonas Pudida (16h)	EC50= 1-10 mg/l (48h) NOEC: 0.14 and 0.95 mg/L
Sodium Hydroxide		LC 50 (96 h) 45.4 mg/l (Oncorhynchus mykiss)		EC50 (48 hour): 40.4 mg/l (Ceriodaphnia dubia) >100 mg/l (daphnia) (OECD 202)

Persistence and degradability No information available

Bioaccumulation/Accumulation No information available.

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Hazchem Code No Hazchem Code allocated

15. REGULATORY INFORMATION

ERMA Reference ERMA User Guide to the HSNO Controls, which links to the Hazardous Substances Regulations 2001

16. OTHER INFORMATION

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Reason for revision	Update Section: 1 (supplier information)
References	- Hazardous Substances (Hazardous Classification) Notice 2020 - Hazardous substances (Labelling) Notice 2017 - Hazardous Substances (Safety Data Sheets) Notice 2017 - GHS8 - European Agreement concerning the International Carriage of Dangerous Goods by Road - New Zealand Workplace Exposure Standards (WES) - International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans - Chemical Classification and Information Database (CCID)

Disclaimer

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