

Preparation Date: 08-Oct-2018
Revision Number: 1.2
Revision Date: 27-Apr-2026
Date of Next Revision: 26-Apr-2031

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 |
| Odor Threshold | No information available |
| pH | 5.5 |
| Melting Point/Range | No data available |
| Freezing Point/Range | No data available |
| Boiling Point/Range | No data available |
| Initial boiling point/range | No data available |
| Flash Point | No data available |
| Flammability (solid, gas) | No information available |
| Upper flammability limit: | No data available |
| Lower flammability limit: | No data available |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Relative density | No data available |
| Solubility | No information available |
| Solubility in other solvents | No data available |
| Partition Coefficient (n-octanol/water) | No information available |
| Autoignition Temperature | No data available |

Decomposition temperature No data available
Kinematic viscosity No data available
Particle characteristics No data available
Specific Gravity No data available
Liquid Density 1.031 g/ml

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)	-

Skin corrosion/irritation Irritating to skin (OECD 431)
Serious eye damage/eye irritation Irritating to eyes (OECD 438)
Respiratory or skin sensitization Based on available data, the classification criteria are not met
Germ cell mutagenicity Based on available data, the classification criteria are not met
Carcinogenicity There are no known carcinogenic chemicals in this product.
Reproductive toxicity Based on available data, the classification criteria are not met
Developmental Effects No information available.
STOT - single exposure No information available
STOT - repeated exposure No information available.
Aspiration hazard Based on available data, the classification criteria are not met.

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 lauryl ether 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

Other adverse effects 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

Not regulated

Hazchem Code

No Hazchem Code allocated

15. REGULATORY INFORMATION

EPA Group Standard	HSR002530 Cleaning product (Subsidiary Hazard) Group Standard 2020
HSNO Conditions	Approved Handler trigger quantity: N/A Location Compliance certification trigger: N/A Signage trigger quantity: N/A Secondary containment trigger quantity: N/A Response Plan trigger quantity: N/A
EPA Reference	Guidance to the changes introduced by the Health and Safety at Work (Hazardous Substances) Regulations 2017

16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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Reason for revision	Update Section: 15 (+ HSR number, group standard, HSNO Conditions)
References	<ul style="list-style-type: none">- Hazardous Substances (Hazardous Classification) Notice 2020- Hazardous substances (Labelling) Notice 2017- Hazardous Substances (Safety Data Sheets) Notice 2017- 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)

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End of SDS