

# DeLaval Camera Cleaner

# SAFETY DATA SHEET

Preparation Date: 20-Jul-2018

Revision Date: 27-Sep-2018

Revision Number: 1

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

### Product Identifier

**Product Name** DeLaval Camera Cleaner

### Other means of identification

**Item#:** 741007752

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Cleaning agent

**Uses advised against** All other

### Details of the supplier of the safety data sheet

#### Supplier

**Canada** DeLaval Inc.  
10900 Rue Secant Street  
Ville d'Anjou, Quebec H1J 1S5  
Tel: (705) 741-3100

**United States** DeLaval Manufacturing  
11100 N. Congress Ave.  
Kansas City, MO 64153  
Tel: 816-891-7700, 8am – 5pm M-F

### Emergency Telephone Number

**Canada** Canutec 1-613-996-6666

**United States** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2

### Label Elements

#### Emergency Overview

#### WARNING

#### Hazard Statements

Causes skin irritation

Causes serious eye irritation

**Appearance** Orange**Physical state** Liquid**Odor** No information available**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight %
2-Bromo-2-nitro-1,3-propanediol	52-51-7	<1
Sodium lauryl ether sulfate	68891-38-3	1 - 10
Sodium dodecylbenzenesulfonate	25155-30-0	10 - 20

If a concentration range is shown, the exact concentration has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first-aid measures**

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.

**Most important symptoms and effects, both acute and delayed**

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

None in particular.

**Sensitivity to static discharge** None.

**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.

**NFPA**

**Health hazards** 0

**Flammability** 0

**Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Should not be released into the environment.

**Methods and material for containment and cleaning up**

Soak up with inert absorbent material. Prevent product from entering drains. Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Handling**

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage**

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

**Incompatible Materials**

No materials to be especially mentioned.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

**Appropriate engineering controls**

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection**

Safety glasses with side-shields.

**Skin and body protection**

Wear protective gloves and protective clothing.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	No information available
<b>Appearance</b>	Orange	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	5.5	
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	

<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity of Product</b>	800 - 1500 cP
<b>Dynamic viscosity</b>	No information available

### Other information

<b>Density</b>	1.031 g/ml
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## 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

Keep away from children.

### Incompatible Materials

No materials to be especially mentioned.

### Hazardous decomposition products

None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eyes</b>	Irritating to eyes.
<b>Skin</b>	Irritating to skin.
<b>Ingestion</b>	No information available.
<b>Inhalation</b>	No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Irritation</b>	Contact with eyes or skin causes irritation.
<b>Corrosivity</b>	Not classified.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	Contains no ingredient listed as a mutagen.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.

<b>Reproductive Effects</b>	None known.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity**

If available, toxicity values of individual components are shown below.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Bromo-2-nitro-1,3-propanediol 52-51-7	= 180 mg/kg ( Rat )	= 1600 mg/kg ( Rat )	= 800 mg/m <sup>3</sup> ( Rat ) 4 h > 5 g/m <sup>3</sup> ( Rat ) 6 h
Sodium lauryl ether sulfate 68891-38-3	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	No data available
Sodium dodecylbenzenesulfonate 25155-30-0	= 438 mg/kg ( Rat ) = 500 mg/kg ( Rat )	No data available	No data available

20.999% of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium lauryl ether sulfate 68891-38-3	EC50= 10-100 mg/l (72h)	LC50= 1-10mg/l	No data available	EC50= 1-10 mg/l (48h)
Sodium dodecylbenzenesulfonate 25155-30-0	No data available	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	No data available	No data available

**Persistence and degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with local regulations.

**Contaminated Packaging** Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**15. REGULATORY INFORMATION**

## State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Sodium dodecylbenzenesulfonate 25155-30-0	X	X	X

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. OTHER INFORMATION**

Preparation Date: 20-Jul-2018  
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Revision Note: None

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of SDS**