

# Della-EcoStar

Preparation Date: 10-Mar-2017

Revision Date: 12-Jan-2026

# SAFETY DATA SHEET

Revision Number: 5

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

### Product Identifier

**Product Name** Della-EcoStar

### Other means of identification

**Item#:** CAN6520

**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** DeLaval Inc.

10900 Rue Secant Street

Ville d'Anjou, Quebec H1J 1S5

Tel: (705) 741-3100

### Emergency Telephone Number

West Penetone Inc: (514) 355-4660 8h-17h Monday to Friday

Poison Control Center (Emergency, 24 H): 1-844-POISON-X or 1-844-764-7669

## 2. HAZARDS IDENTIFICATION

### Classification

Acute Toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Corrosive to metals	Category 1
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### Label Elements

**DANGER**

### Hazard statements

Harmful in contact with skin

Causes severe skin burns and eye damage

May be corrosive to metals



**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

Specific treatment (see First Aid on this label)  
Immediately call a POISON CENTER or doctor

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.

IF ON SKIN: Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. Call a POISON CENTER or doctor if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**Precautionary Statements - Storage**

Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical name	CAS No	Weight-%
Sodium hydroxide	1310-73-2	10 - 30*
Sodium hypochlorite	7681-52-9	3 - 7*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first-aid measures**

**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 plenty of water for at least 15 minutes. Call a physician immediately.

**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 Poison Control Center immediately. Never give anything by mouth to an unconscious person.

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

Corrosive. The product causes burns of eyes, skin and mucous membranes.

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

Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

The product is not flammable. 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

The product causes burns of eyes, skin and mucous membranes.

### Hazardous Combustion Products

Thermal decomposition can lead to release of irritating gases and vapours.

### 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 3

Flammability 0

Instability 1

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### Handling

Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

#### Storage

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

#### Incompatible Materials

Acids, organic materials, light metals (e.g. aluminum, copper, brass, zinc galvanized).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

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

Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

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

**Eye/face Protection** Goggles.

**Skin and body protection** Rubber gloves, Long sleeved clothing, Chemical resistant apron.

**Respiratory Protection** In case of inadequate ventilation wear respiratory protection.

**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>	Slight chlorine
<b>Appearance</b>	Light yellow	<b>Odor Threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks/ • Method</b>
pH	>12	No data available
Melting point/freezing point	No data available	No data available
Boiling Point/Range	No data available	No data available
Flash Point	No data available	No data available
Evaporation rate	No data available	No data available
Flammability (solid, gas)	No data available	No data available
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	No data available	No data available
Vapor Density	No data available	No data available
Specific Gravity	1.25	No data available
Water Solubility	soluble	No data available
Partition coefficient:		
n-octanol/water	No data available	No data available
Autoignition Temperature	No data available	No data available
Decomposition temperature	No data available	No data available
Kinematic viscosity	No data available	No data available

**Other information**

**Liquid Density** 1.2 g/mL

**10. STABILITY AND REACTIVITY****Reactivity**

May react with other chemicals. Do not mix with other chemicals except as directed on label.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None known.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Acids, organic materials, light metals (e.g. aluminum, copper, brass, zinc galvanized).

**Hazardous decomposition products**

Chlorine.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Eyes</b>	Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin</b>	Extremely corrosive and destructive to tissue.
<b>Ingestion</b>	Ingestion causes burns of the upper digestive and respiratory tracts.
<b>Inhalation</b>	Inhalation of vapours in high concentration may cause irritation of respiratory system.

**Numerical measures of toxicity**

<b>ATEmix (oral)</b>	10,152.00
<b>ATEmix (dermal)</b>	1,717.00

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide 1310-73-2	325 mg/kg	1350 mg/kg	-
Sodium hypochlorite 7681-52-9	= 8.91 g/kg ( Rat )	10000 mg/kg ( Rabbit )	> 10.5 mg/L ( Rat ) 1 h

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

<b>Sensitization</b>	None known
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<b>Mutagenic effects</b>	None known
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<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen
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Chemical name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

<b>Reproductive Effects</b>	None known
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<b>STOT - single exposure</b>	None known
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<b>STOT - repeated exposure</b>	None known
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<b>Aspiration Hazard</b>	None known
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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium hydroxide 1310-73-2	-	LC 50 (96 h) 45.4 mg/l (Oncorhynchus mykiss)	-	EC50 (48h): 40.4 mg/l (Ceriodaphnia dubia)
Sodium hypochlorite 7681-52-9	-	LC50 (96 h) 0.06 mg/l	-	0.033 - 0.044: 48 h Daphnia magna mg/L

				EC50 Static
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**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. Should not be released into the environment.

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

**14. TRANSPORT INFORMATION****DOT**

**UN-No** 3266  
**Proper Shipping Name** Corrosive liquid, basic, inorganic, n.o.s ( Sodium hypochlorite, Sodium hydroxide )  
**Hazard Class** 8  
**Packing Group** II

**15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

**Preparation Date:** 10-Mar-2017

**Revision Date:** 12-Jan-2026

**Revision Note:** No information available.

**Disclaimer**

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End of Safety Data Sheet