

# Della Clean Extra

# SAFETY DATA SHEET

Preparation Date: 02-Jan-2008

Revision Date: 08-Jun-2018

Revision Number: 4

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

### Product Identifier

**Product Name** Della Clean Extra

### Other means of identification

**Item#:** CAN6702

**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

(613) 996-6666 (Canutec)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

### Label Elements

**DANGER**

### Hazard statements

Harmful if inhaled

Causes severe skin burns and eye damage

May be corrosive to metals



### Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area

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

**Precautionary Statements - Response**

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

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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER or doctor if you feel unwell  
 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 dichloroisocyanurate dihydrate	51580-86-0	1 - 5*
Sodium carbonate	497-19-8	60 - 80*

\*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. Get medical attention immediately.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

**Inhalation** Move to fresh air. Give oxygen or artificial respiration if needed. Get medical attention immediately if symptoms occur.

**Ingestion** Do not induce vomiting. Drink 1 or 2 glasses of water. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**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

None known

### Specific hazards arising from the chemical

Corrosive to metals 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 0**

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Avoid dust formation. For personal protection see section 8.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so

### Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Handling**

When diluting, always add the product to water. Never add water to the product. 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. Do not store near acids. Keep out of the reach of children.

#### **Incompatible Materials**

Acids, 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.

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas

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

<b>Eye/face Protection</b>	Tightly fitting safety goggles
<b>Skin and body protection</b>	Apron or other light protective clothing, boots and plastic or rubber gloves
<b>Respiratory Protection</b>	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.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Powder	<b>Odor</b>	No information available
<b>Appearance</b>	White	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ • Method</u>
<b>pH</b>	12	(1%)
<b>Melting point/freezing point</b>	No data available	No data available
<b>Boiling Point/Range</b>	No data available	No data available
<b>Flash Point</b>	No data available	No data available
<b>Evaporation rate</b>	No data available	No data available
<b>Flammability (solid, gas)</b>	No data available	No data available
<b>Flammability Limit in Air</b>		No data available
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor Pressure</b>	No data available	No data available
<b>Vapor Density</b>	No data available	No data available
<b>Specific Gravity</b>	No data available	No data available
<b>Water Solubility</b>	soluble	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available	No data available
<b>Autoignition Temperature</b>	No data available	No data available
<b>Decomposition temperature</b>	No data available	No data available
<b>Viscosity of Product</b>	No data available	No data available

**Other information**

<b>Density</b>	62 lb/cu. ft.
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**10. STABILITY AND REACTIVITY****Reactivity**

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

**Chemical Stability**

stable when stored at temperatures not exceeding 80°F. Long-term storage at higher temps may degrade product over time.

**Possibility of hazardous reactions**

May spatter and release heat if mixed with acids. May react with and cause damage to soft metals such as aluminum, copper, brass or zinc (galvanized) to produce flammable, potentially explosive, hydrogen gas. May develop chlorine if mixed with acidic solutions.

**Conditions to Avoid**

Product may degrade if exposed to long-term high temperature or humid air

**Incompatible Materials**

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

**Hazardous decomposition products**

Chlorine.

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

**Eyes** Corrosive to the eyes and may cause severe damage including blindness  
**Skin** Extremely corrosive and destructive to tissue  
**Ingestion** Ingestion causes burns of the upper digestive and respiratory tracts  
**Inhalation** Product dust may be irritating to eyes, skin and respiratory system.

**Numerical measures of toxicity**

**ATEmix (oral)** 4,334.00  
**ATEmix (dermal)** 7,159.00  
**ATEmix (inhalation-dust/mist)** 1.17

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium dichloroisocyanurate dihydrate 51580-86-0	500 - 1600 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h

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

**Skin Corrosion/Irritation** Causes burns  
**Serious eye damage/eye irritation** Causes eye burns  
**Sensitization** None known  
**Mutagenic effects** None known  
**Carcinogenicity** Contains no ingredient listed as a carcinogen  
  
**Reproductive Effects** None known  
**STOT - single exposure** None known  
**STOT - repeated exposure** None known  
**Aspiration Hazard** None known

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium dichloroisocyanurate dihydrate 51580-86-0	-	LC50= 0.25 mg/l	-	EC50= 0.28 mg/l
Sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	-	265: 48 h Daphnia magna mg/L EC50

**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. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

**Contaminated Packaging**

Triple rinse containers. Avoid contamination of any water supply with product or empty packaging. Empty containers should be taken for local recycling, recovery or waste disposal.

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

Not regulated

**15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations****Ozone-depleting substances (ODS)** Not applicable**Persistent Organic Pollutants** Not applicable**The Rotterdam Convention** Not applicable**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION****Preparation Date:** 02-Jan-2008**Revision Date:** 08-Jun-2018**Revision Note:** No information available.**Disclaimer**

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End of Safety Data Sheet