

**MATERIAL SAFETY DATA SHEET****SECTION 1 — PRODUCT IDENTIFICATION**

**Product identifier:** 0691 – EcoPro Disinfectant **Certified Green:** CCD-166/UL2794  
**WHMIS Classification:** Not controlled under WHMIS, Registered under Health Canada DIN# 02344955  
**Product use:** Disinfectant.  
**Product Code Number:** EP500 (69868, 69870, 69887, 69888, 69889)  
**MSDS Number:** 0691

**Supplier name and address:**  
 ProLink Canada  
 Box 67082, 421 Richmond Road  
 Ottawa, ON K2A 4E4  
 (613) 722-0798

**Manufacturer's name and address:**  
 Refer to Supplier

**Emergency Telephone #: CANUTEC (613) 996-6666**

**SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS**

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>LD<sub>50</sub></u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
			<u>mg/kg</u> <u>oral/rat</u>	<u>mg/kg</u> <u>skin/rabbit</u>	<u>ppm</u> <u>inh/rat</u>
N-,N-Didecyl-N,N-dimethyl Ammonium chloride	7173-51-5	5-10	450	3342	n/av

**SECTION 3 — HAZARDS IDENTIFICATION**

\*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Routes of entry:** Inhalation, ingestion, skin and eye contact.

**Signs and symptoms of short-term (acute) exposure:**

*Inhalation:* May be irritating to the eyes, nose, throat and lungs.

*Skin contact:* Generally non irritating or slightly irritating to skin.

*Eye contact:* Contact can result in irritation or damage.

*Ingestion:* Harmful if swallowed.

**Effects of long-term (chronic) exposure:** See Section 11. **Other important hazards:** None reported.

**SECTION 4 — FIRST AID MEASURES**

**Inhalation:** Remove victim to fresh air. If symptoms persist, call a physician.

**Skin contact:** Flush skin with plenty of water.

**Eye contact:** IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open.

**Ingestion:** Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

**NOTE TO PHYSYCIAN:**

Probable mucosal damage may contra indicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed.

**SECTION 5 — FIRE FIGHTING MEASURES**

**Fire hazards/conditions of flammability:** Not flammable.

**Flash point (Method):** Not applicable.

**Lower flammable limit (% by volume):** n/ap

**Upper flammable limit (% by volume):** n/ap

**Explosion data:** *Sensitivity to mechanical impact:* Not sensitive. *Sensitivity to static discharge:* Not sensitive.

**Oxidizing properties:** None.

**Auto-ignition temperature:** None.

**Suitable extinguishing media:** As appropriate for burning of surrounding products.

**Special fire-fighting procedures/equipment:** n/ap

**Hazardous combustion products:** n/ap

#### SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear adequate personal protective clothing.

**Environmental precautions:** No special precautions required.

**Spill response/Cleanup:** Recover and reuse as much of the product as possible.

**Prohibited materials:** None known

#### SECTION 7 — HANDLING AND STORAGE

**Safe handling procedures:** Not normally required.

**Storage requirements:** Store in a cool, dry area. Keep away from incompatible materials, (see Sect. 10)

**Special packaging materials:** Plastic containers.

#### SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Ventilation and engineering controls:** Mechanic ventilation should be adequate.

**Respiratory protection:** Normally not required.

**Protective gloves:** Not required

**Eye protection:** Not normally required.

**Other protective equipment:** As required by workplace standards.

#### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Physical form, color and odor:** Clear Liquid

**Odor threshold:** n/av

**pH:** 8.1-8.9

**Boiling point:** n/av

**Melting/freezing point:** n/av

**Vapour pressure:** n/av

**Solubility in water:** complete

**Coefficient of oil/water distribution:** Essentially zero.

**Specific gravity or relative density (water = 1):** 1.00-1.02

**Vapour density:** n/ap

**Volatile organic compounds (VOC's):** n/av

**Evaporation rate:** n/ap

**Percent Volatile by Weight:** n/av

#### SECTION 10 — REACTIVITY AND STABILITY DATA

**Stability and reactivity:** Normally stable.

**Conditions to avoid:** Keep containers tightly closed, when not in use.

**Materials to avoid:** Acids, Oxidizing agents.

**Hazardous decomposition products:** None.

#### SECTION 11 — TOXICOLOGICAL INFORMATION

**LD<sub>50</sub>:** Not established for this product. See Section 2 for values for ingredients.

**LC<sub>50</sub>:** Not established for this product. See Section 2 for values for ingredients.

**Exposure limits:** Not available.

**Carcinogenicity:** None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

**Teratogenicity, mutagenicity, other reproductive effects:** There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity for finished formulation. **Sensitization to material:** Not reported.

**Conditions aggravated by exposure:** Skin conditions.

**Synergistic materials:** None known.

#### SECTION 12 — ECOLOGICAL INFORMATION

**Environmental effects:** Surfactants are readily biodegradable under OECD 301 test method.

#### SECTION 13 — WASTE DISPOSAL

**Handling for disposal:** Reuse if possible.

**Methods of disposal:** Follow local, provincial, state and federal regulations.

#### SECTION 14 — TRANSPORTATION INFORMATION

**Shipping Description:** TDG – Not regulated

**Please note:** This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

#### SECTION 15 — REGULATORY INFORMATION

**WHMIS information:** Not controlled under WHMIS, Registered under Health Canada, DIN# 02344955

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

#### SECTION 16 — OTHER INFORMATION

**Prepared for:** Pro-Link Canada.

**Telephone number:** (613) 722-0798

**Preparation date:** November 17, 2014

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2003.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

n/ap Not applicable

n/av Not available

MV/mt