

# MATERIAL SAFETY DATA SHEET

## SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Product Name:</b> ELIMINATOR 1T60	Date Prepared	May 1, 2014
<b>Product Use:</b> Condensate Drain Pan Treatment	Replaces	May 1, 2013
<b>Company Name:</b> Evcor Solutions Inc. 530 Adelaide Street West, Suite 6107 Toronto, ON M5V 1T5	Telephone Numbers: Emergencies: Medical Chemtrac Chemtrac Int'l	800 228-5635 800 424-9300 703 527-3887
<b>Product Class:</b> Quaternary Ammonium Salt		

## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

This product is not hazardous as defined by OSHA.

CAS  
Registry No.

**CHEMICAL NAME:** Alkyl dimethyl benzyl ammonium chloride (C12-18)

68391-01-5

**PRODUCT CLASS:** Quaternary Ammonium Salt

## SECTION 3 HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** May be irritating to sensitive skin. Maybe harmful if swallowed

### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** May be irritating to eyes.

**SKIN CONTACT:** May be irritating to sensitive skin.

**INHALATION:** Not an inhalation hazard. (solid gel form)

**INGESTION:** May be harmful or fatal if swallowed. Ingestion may result in moderately severe burns to mouth and esophagus with more severe burns and damage to stomach.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known.

**CARCINOGENICITY:** NTP? No    **IARC Monographs?** No    **OSHA Regulated?** No

## SECTION 4 FIRST-AID MEASURES

**EYE CONTACT:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**SKIN CONTACT:** Wash with soap and plenty of water. If irritation develops and persists, get medical attention.

**INHALATION:** If breathing is difficult: Remove to fresh air. Get medical attention.

**INGESTION:** Do not induce vomiting! Immediately drink large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5 FIRE-FIGHTING MEASURES

**FLASHPOINT:** > 225°F

**FLAMMABLE LIMITS:**    **LEL:** Not determined    **UEL:** Not determined

**AUTOIGNITION TEMP:** Not applicable

**FIRE EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, water fog.

**SPECIAL INFORMATION:** None known.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK PROCEDURES:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewer treatment authority. For guidance, contact your State Water Board or Regional Office of the EPA. Semisolid gel product. Pick up or sweep up and place in original or suitable container. Use as normal.

## SECTION 7 STORAGE AND HANDLING

**HANDLING PROCEDURES:** Avoid skin and eye contact. Wash thoroughly after handling. As With all chemical, good industrial hygiene practices should be followed when handling material.

**STORAGE PROCEDURES:**    DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.  
Keep the container tightly closed and in a cool, well-ventilated place.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE CONTROLS:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### PERSONAL PROTECTION EQUIPMENT:

**EYES/FACE:** Wear chemical goggles; face shield (if splashing is possible)

**SKIN:** Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves, Use Impervious gloves.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**FLASH POINT:** Above 225 F

**SPECIFIC GRAVITY:** 0.981 g/ml

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY:** Not determined  
**ph VALUE:** 7.4 ± .3 @ 10% Aqueous Solution  
**SOLUBILITY IN WATER:** Complete  
**BOILING POINT:** Not applicable  
**EVAPORATION RATE (Butyl Acetate = 1):** Not determined  
**APPEARANCE AND ODOR:** Amorphous Crystalline Solid

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**SECTION 10 STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** Keep away from heat and incompatible materials.  
**INCOMPATIBILITY:** This product may react with strong oxidizing agents.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**CARCINOGENICITY:** Not listed as carcinogenic according to IARC, NTP OR OSHA  
**MUTAGENICALLY:** Testing has shown this product to be non-mutagenic  
**LD50 VALUE:**  
Oral LD50 (rat) => 50 - 500 mg/kg  
Dermal LD50 (rabbit) => 2,000 < or equal to 20,000 mg/kg

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**SECTION 12 ECOLOGICAL INFORMATION**

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**ECOTOXICITY:** Very toxic to aquatic organisms  
**ENVIRONMENTAL FATE:** This product is biodegradable

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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**DISPOSAL INSTRUCTIONS**

**CONTAINER DISPOSAL:** Dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides a violation of Federal Law. If these wastes cannot be disposed of by use according to the label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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**SECTION 14 TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION:** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

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**SECTION 15 REGULATORY INFORMATION**

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CAS  
Registry No.

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68391-01-5

**PRODUCT CLASS:** Quaternary Ammonium Salt

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**SECTION 16 OTHER INFORMATION**

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**NFPA RATING:** Health - 1, Flammability - 0, Reactivity - 0

**HMIS® RATING:** Health - 1, Flammability - 0, Reactivity - 0

HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

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