



G.K. Chemical Specialties Co. Ltd.  
90 Barbados Blvd.  
Scarborough, Ontario M1J 1K9  
Tel: (416) 261-7182 Fax: (416) 261-5663

# **MATERIAL SAFETY DATA SHEET**

*NOT REGULATED BY WHMIS*

## **I. PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Germ Destroyer 24 - Liquid  
**CHEMICAL FORMULA:** N / A  
**MATERIAL USE:** Disinfectant-Cleaner-Sanitizer Fungicide-Deodorant  
**OTHER NAMES:** Quaternary Ammonium Chloride Germicidal Detergent  
**MANUFACTURER:** NAME G.K. Chemical Specialties Co. Ltd.  
ADDRESS 90 Barbados Blvd., Scarborough, Ontario M1J 1K9  
EMERGENCY PHONE NO. (416) 261-7182/(905) 427-7605  
NAME OF CONTACT Gus Kaklamanos

## **II. COMPONENTS**

### **CHEMICAL INGREDIENTS:**

n-Alkyl (50%C14, 40%C12, 10%C16) Dimethyl Benzyl Ammonium Chloride .....	2.40%
Nonionic surfactant.....	2.40%
Sodium Carbonate.....	1.75%
Sodium Tripolyphosphate.....	1.25%
Alcohol, perfume and water.....	92.20%

“TOXICITY LD50 mg/kg active ingerdient. Oral Albino Rat 445 ± 10 Dog 500 ± 10”

(Include any chemicals listed in the ACGIH TLV Booklet or Ontario Government Regulation)

## **III. HEALTH HAZARD INFORMATION**

<b>ROUTE</b>	<b>EFFECTS (Include both immediate &amp; long term effects)</b>
<b>INHALATION</b> ___	Product does not give any fumes.
<b>EYE CONTACT</b> <u>X</u> cause	Corrosive. Protect eyes when handling material. Product may eye damage. Product contains alkaline chemicals & quaternary ammonium chloride.
<b>SKIN CONTACT</b> <u>X</u>	Corrosive. Will cause skin irritation. Protect skin when handling.
<b>SKIN ABSORPTION</b> <u>X</u>	Corrosive. Protect skin when handling.
<b>INGESTION</b> <u>X</u>	Product is harmful if swallowed. Avoid contamination with food.

## **IV. HANDLING PRECAUTIONS**

Protect eyes and skin when handling product. Use safety glasses and gloves.  
In case of contact, wash thoroughly.

(Include recommendations for personal protective equipment and controls)

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**V. FIRE AND EXPLOSION DATA**

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**BOILING POINT:** 100 °C  
**FLASHPOINT:** NIL  
**FLAMMABLE LIMITS:** Non-Flammable

**LEL UEL**

**REACTIVITY:**

**STABLE**   X    
**UNSTABLE**      (list conditions to avoid)

**HAZARDOUS DECOMPOSITION PRODUCTS:** (list)

**INCOMPATIBILITY:** (List materials to avoid) Acid and Bleach

**EMERGENCY AND FIGHTING PROCEDURE:** Not Required

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**VI. FIRST AID**

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**INHALATION:** -----

**EYES:** Wash with plenty of water. If irritation persists, see a physician.

**SKIN:** Wash with plenty of water and soap. If irritation persists, see a physician.

**INGESTION:** If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or large quantities of water. Call physician immediately. Probable Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be required.

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**VII. SPILLAGE CLEAN-UP & WASTE DISPOSAL PROCEDURE**

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Flush with water

Waste disposal, sanitary sewer

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**VIII. STORAGE INSTRUCTIONS**

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Keep container tightly closed

Keep out of reach of children

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**IX. ADDITIONAL INFORMATION**

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Do not mix with bleach. This control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Act to use a control product under unsafe conditions.

**PREPARED BY:** Gus Kaklamanos - CHEMIST

**TELEPHONE NO.:** (416) 2617182

**DATE:** January 05, 2015