

# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: **GERMICIDE 32 SANIBLEND 32 LEMON CLEANER - DISINFECTANT-DETERGENT - DEODORIZER - FUNGICIDE**

Product Use: Concentrated Neutral Disinfectant-Cleaner

WHMIS Class: Not regulated

TDG Classification: Not regulated

UN Number: Not applicable

T.D.G. Shipping Name: Not applicable

**Manufactured by:**

**Chemotec (PM) Inc.**

8820 Place Ray Lawson

Anjou, Quebec, Canada H1J 1Z2

Telephone: (514) 729-6321; 1-800-729-6321

**Emergency Phone:** as above or call **CANUTEC** (613) 996-6666 in case of **chemical emergency only**.

## SECTION 2: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Di-(C8-10)-alkyl dimethyl ammonium chlorides	68424-95-3	1-5	N.Av.	500 - 5000 mg/kg oral rat	N.Av.
Alkyl (40% C <sub>12</sub> , 50% C <sub>14</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride	68424-85-1	1-5	N.Av.	500 - 5000 mg/kg oral rat	N.Av.
Alcohol ethoxylate	68131-39-5	1-5	N.Av.	2000 mg/Kg oral rat	N.Av.

## SECTION 3: PHYSICAL DATA

Boiling Point (°C): Approximately 100

Vapor Pressure (mm Hg): 20 (water)

Vapor Density (Air = 1): 0.6 (water)

Solubility in Water: Complete

Physical State: Liquid

Appearance and Odor: Yellow liquid, lemon scent.

Specific Gravity (H<sub>2</sub>O = 1): 1.0 at 20 °C

% Volatile (Wt %): Approx. 90

Evaporation Rate (n-BUAC = 1): 0.4

pH (as supplied ): 6-8, neutral

Viscosity: < 200 cps at 25 °C

Freezing point: Approximately 0 °C

#### **SECTION 4: FIRE AND EXPLOSION DATA**

Flammability: Not flammable, not combustible.

Flash Point (TCC, °C): > 93.3                      LEL: Not applicable                      UEL: Not applicable

Hazardous Combustion Products: Smoke, carbon oxides, nitrogen oxides, ammonia.

Autoignition Temperature (°C): Not available

Means of Extinction: Water, foam, dry chemicals, carbon dioxide.

Special Fire Hazards: A stream of water directed into the product generates a lot of foam.

#### **SECTION 5: REACTIVITY DATA**

Conditions for Chemical Instability: This product is stable under normal conditions. It does not polymerize.

Incompatible Materials: Strong oxidizing agents, anionic materials.

Reactivity and Under What Conditions: No applicable information found.

Hazardous Decomposition Products: heat, carbon oxides, nitrogen oxides, ammonia.

#### **SECTION 6: TOXICOLOGICAL PROPERTIES**

Route of Entry: Eyes, skin, ingestion, inhalation.

##### **EFFECTS OF ACUTE EXPOSURE:**

Eye: Irritant. Corrosive to eyes.

Skin: Irritant. May be harmful if absorbed through skin.

Ingestion: May be harmful or fatal if swallowed.

Inhalation: Breathing high concentration may cause irritation, distress.

## **EFFECTS OF CHRONIC EXPOSURE:**

Irritancy: Prolonged or repeated contacts with skin may cause irritation: skin dryness, redness, dermatitis.

Skin Sensitization: None of the ingredients are known to us to be skin sensitizers.

Carcinogenicity: None of the ingredients are carcinogenic.

Teratogenicity: None of the ingredients are known to us to be teratogens.

Mutagenicity: None of the ingredients are known to us to be mutagenic.

Synergistic Materials: No materials are known to be synergistic.

## **SECTION 7: PREVENTATIVE MEASURES**

Gloves: Plastic or rubber gloves

Eye Protection: Safety glasses with side shields to manipulate large quantities.

Respiratory Protection: Not required, if adequate ventilation is available.

Other Protective Equipment: Waterproof boots if large spill.

Engineering Controls: Shower and eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear personal protective equipment. Stop the leak. Pump the product into drums for disposal, or clean up spills using absorbent material and place in waste container. Resume cleaning by rinsing with water.

Waste Disposal: Dispose according to existing federal, provincial and municipal regulations.

Storage Requirements: Keep in original tightly closed containers, in a well ventilated room. Keep from freezing.

## SECTION 8: FIRST AID

**Eye:** Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. Seek medical attention.

**Skin:** For skin contact flush with large amounts of water. Immediately take off all contaminated clothing. If irritation persists get medical attention. Wash clothing separately before reuse.

**Inhalation:** symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen and get medical attention immediately.

**Ingestion:** Seek immediate medical attention. Do not induce vomiting.

## SECTION 9: PREPARATION INFORMATION

**Date:** 2009-11-06

**Phone:** (514) 729-6321

**Prepared by:**

Chemotec (PM) Inc.

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**Abbreviation:**

n/a: not available

### Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).