

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product identifier/Trade name: SANIBLEND LEMON, READY TO USE

Product code/Internal Identification: CCC DRTL

Product use/Description: Cleaner, Disinfectant, Deodorizer

Restriction on use: For industrial, institutional and food plants use only.

Initial Supplier Identifier: Chemotec (PM) Inc.
8820 Place Ray Lawson
Anjou, Québec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: 1-800-729-6321
(Available from 8:00am to 4:30pm Monday to Friday)

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS # | % (weight) | ACGIH TLV | OSHA PEL |
|--|------------|------------|-----------|----------|
| Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | 0.1-1 | N/Av. | N/Av. |
| Alkyl dimethyl ethylbenzyl ammonium chloride | 68956-79-6 | 0.1-1 | N/Av. | N/Av. |
| Diethyleneglycol butyl ether | 112-34-5 | 5-10 | N/Av. | N/Av. |

The actual concentrations are withheld as a trade secret.

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview

Yellow liquid, lemon scent. CAUTION. May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS (for more details, refer to Section 11)

Primary entry route(s): Eye, skin and ingestion.

Eye: May cause irritation which may be severe if not rinsed rapidly.

Skin: Direct, short-term skin contact may cause irritation which may be severe if not rinsed rapidly. May be absorbed through skin in harmful amounts.

Inhalation: May cause irritation

Ingestion: May be harmful.
Long-term (chronic) exposure: Prolonged contact with the product may cause dryness, slight irritation.
Conditions aggravated by exposure: None expected.
Carcinogenic status: See TOXICOLOGICAL INFORMATION, Section 11.
Additional health hazards: For further information, see TOXICOLOGICAL INFORMATION, Section 11.
Potential environmental effects: See ECOLOGICAL INFORMATION, Section 12.

SECTION 4 - FIRST AID MEASURES

Inhalation:
Bring the person to fresh air. Seek medical attention if discomfort persists.

Skin contact:
Rinse with water. Remove soiled clothes and wash before wearing them. Seek medical attention should an irritation develop.

Eye contact:
Immediately rinse with plenty of water for 15 minutes, keeping eyelids open. If irritation persists, repeat flushing and seek medical attention immediately.

Ingestion:
If conscious, give plenty of water. Never give anything by mouth if the person is unconscious. Do not induce vomiting. Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability:
Not flammable under normal handling conditions. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

Flash point (Method): None

Lower flammable limit (% by volume): N/Av

Upper flammable limit (% by volume): N/Av

Explosion data - Sensitivity to mechanical impact: Not sensitive.

Explosion data - Sensitivity to static discharge: Probably not very sensitive.

Auto-ignition temperature: N/Av

Suitable extinguishing media:
Water, foam, dry chemicals, carbon dioxide.

Special fire-fighting procedures/equipment:
During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

Hazardous combustion products:
Oxides of carbon, of nitrogen, ammonia, and other irritating gases.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:
Wear adequate personal protective equipment (See Section 8).

Spill response/Cleanup:
Wear personal protective equipment. Stop the leak if you can do so without risk. Pump the product into drums for disposal; or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water.

Environmental precautions:

Do not let concentrate go to sewers.

Prohibited materials: N/Av

Special spill response procedures: N/Av

SECTION 7 - HANDLING AND STORAGE

Safe handling procedures:

Before handling, it is important that engineering controls are operating, and that protective equipment requirement and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Avoid inhaling vapours or mists. Avoid contact with skin, eyes, and clothing. Keep away from heat and flame. Keep containers closed when not in use. Do not use with incompatible materials such as strong oxidizing agents.

Storage requirements:

Store in a tightly sealed container, in a well-ventilated room between 10°C and 30°C. Do not store food products. Keep from freezing.

Special packaging materials: N/Av

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls:

No special engineering controls for normal use.

Respiratory Protection:

Not required under normal applications. In case of prolonged contact, or if engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. Have appropriate equipment available for use in emergencies such as spills or fire. Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirator if the exposure limits are unknown.

Skin protection and other protective equipment:

Use impervious (rubber or nitrile) gloves. Wear waterproof boots for prolonged contact with spills.

Eye / face protection:

Wear protective chemical safety goggles to manipulate large quantities.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material.

Permissible exposure levels: For individual ingredient exposure levels, see Section 2.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------|
| État physique : | Yellow liquid. |
| Couleur : | Yellow |
| Odeur : | Lemon scent |
| Point de fusion/congélation: | Approximately 0 °C |
| Point d'ébullition: | Approximately 100 °C |
| Inflammabilité : | N/A |
| Limite d'inflammabilité supérieure et inférieure : | N/A |
| Point éclair: | None to boil |
| Température d'auto-inflammation: | N/A |
| pH: | 12.0 |
| Viscosité: | < 100 cps @ 25 °C |

| | |
|---|--------------------------------|
| Solubilité: | Miscible |
| Coefficient de partage n-octanol/eau | N/A |
| Tension de vapeur | Approximately 20 mm Hg (water) |
| Densité relative | 1.0 g/cm ³ @ 20 °C |
| Densité de vapeur | Approximately 0.6 (water) |
| Caractéristiques des particules : | N/A |

SECTION 10 - REACTIVITY AND STABILITY DATA

Stability and reactivity:

Stable at room temperature, in normal handling and storage conditions.

Polymerisation: Hazardous polymerization will not occur.

Conditions to avoid:

Avoid strong oxidizing agents and strong acids

Materials to avoid:

Avoid strong oxidizing agents.

Hazardous decomposition products:

Carbon oxides, nitrogen oxides, ammonia, and other irritant gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data: The calculated LD₅₀ for this product is greater than 5,000 mg/Kg, oral, rat; our products are not tested on animals.

| Ingredient | LD ₅₀ (route, species) | LC ₅₀ # hours (species) |
|--|--|------------------------------------|
| Alkyl dimethyl benzyl ammonium chloride | 300 mg/Kg (oral, rat) | N/Av. |
| Alkyl dimethyl ethylbenzyl ammonium chloride | Approximately 50-500 mg/kg (oral, rat) | N/Av. |
| Diethyleneglycol butyl ether | 3384 mg/kg (oral, rat) | N/Av. |

For more details, refer to Section 3.

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP and OSHA as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: N/Av.

Skin sensitization: N/Av.

Respiratory tract sensitization: N/Av.

Synergistic materials: N/Av.

Other important hazards: N/Av

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects: Do not let concentrated product go to the sewers

Important environmental characteristics: No other applicable information found.

Aquatic toxicity: There is no test data on this product.

SECTION 13 - WASTE DISPOSAL

Handling and storage conditions for disposal:

Store material for disposal as indicated in Handling and Storage (Section 7).

Methods of disposal:

Dispose according to existing federal, provincial, and municipal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:

Proper shipping name: Not Regulated
Class: N/Ap
Identification number: N/Ap
Packing group: N/Ap
Special case: N/Ap

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

Product is regulated as a disinfectant. Not regulated under WHMIS.

WHMIS Classification:

Not regulated under WHMIS.

CEPA information:

Ingredients are listed on the DSL inventory.

Other information:

HMIS: 0 Minimal 1 Slight 2 Moderate 3 Serious 4 Severe
Health Hazard: 1
Fire Hazard: 1
Reactivity: 1
Personal Protection: (See section 8.)
NFPA: 0 Minimal 1 Slight 2 Moderate 3 Serious 4 Severe
Fire Hazard: 1
Reactivity: 1
Specific Hazard: None

SECTION 16 - OTHER INFORMATION

Prepared by: Chemotec (PM) Inc.
Phone number: (514) 729-6321
Date: 2023-07-13

References:

1. Manufacturer'/suppliers' SDS.
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.

Material Safety Data Sheet: DRTL SANIBLEND LEMON, READY TO USE

3. International Agency for Research on Cancer Monographs, searched 2006.

Abbreviations:

| | |
|-------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CEPA | Canadian Environmental Protection Act |
| cps | Centipoises |
| DSL | Domestic Substance List |
| HMIS | Hazardous Material Information System |
| HSDB | Hazardous Substance Data Bank |
| IARC | International Agency for Research on Cancer |
| LC | Lethal concentration |
| LD | Lethal Dosage |
| N/Av | Not Available |
| N/Ap | Not Applicable |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program (U.S.A.) |
| OSHA | Occupational Safety and Health Administration (U.S.A.) |
| PEL | Permissible Exposure Limit |
| TLV | Threshold Limit Value |
| WHMIS | Workplace Hazardous Materials Information System |

End of the MSDS