

## MATERIAL SAFETY DATA SHEET

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### 1.0 PRODUCT AND COMPANY IDENTIFICATION

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Product identifier: BENEFECT DISINFECTANT

Chemical class: Disinfectant & Sanitizer

Synonym: Bactericide, Germicide

Supplier: Sensible Life Products (div. of LBD Ltd.)  
7 Innovation Dr., Suite 34  
Flamborough, Ontario L9H 7H9

Emergency Phone Number (905) 690-7474

Manufacturer: Same as Above

Product use: Disinfecting spray for use on non-porous surfaces.

Updated as of: May 01/03

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### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

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CAS registry no. of hazardous ingredients (WHMIS Controlled Products): N/A

Ingredients on the WHMIS Ingredient Disclosure List at, or above, the minimum concentration specified on the List: none

Ingredients with unknown toxicological properties: none

Ingredients the supplier believes may be harmful: none

Generic chemical identity, registry number, and date of claim for trade secret ingredients registered under the Hazardous Materials Information Review Commission: N/A

Ingredient concentration: N/A

Exposure limits for ingredients: none identified

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### 3.0 HAZARDS IDENTIFICATION

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Hazard rating:	Health	0
(0-4, 0=none, 4=extreme)	Fire	0
	Reactivity	0

Toxicological Data: LD50 (Oral, Rat): > 36,000 mg/kg

Potential Health Effects: none identified

Relevant routes of exposure: none identified

Adverse health effects from exposure to product or ingredients of product: none identified

Length of exposure: N/A

Severity of effect: N/A

Target organ: N/A

Type of effect: N/A

Signs and symptoms: N/A

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### 4.0 FIRST AID MEASURES

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If accidental overexposure or misuse is suspected:

Eyes: Flush with clean water until stinging stops.

Skin: If sensitization occurs, rinse with clean water until irritation stops.

Inhalation: none identified

Ingestion: none identified

Note to physician: Product contains pure plant extracts approved as Generally Recognized As Safe &/or as Food Additives.

Medical conditions likely to be aggravated by exposure: Migraines and/or some plant allergies may be aggravated.

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## 5.0 FIRE FIGHTING MEASURES

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Flash point and method: N/A

Upper and lower flammable (explosive) limits in air: N/A

Autoignition temperature: N/A

Hazardous combustion products: none identified

Conditions under which flammability could occur: none identified

Extinguishing media: N/A

Sensitivity to explosion by mechanical impact: none identified

Sensitivity to explosion by static discharge: none identified

Fire fighting procedures: N/A

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## 6.0 ACCIDENTAL RELEASE MEASURES

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Procedures for dealing with a release or spill: Dispose of down drainage system or collect in suitable containers and dispose in a designated landfill site, in compliance with all federal, provincial and government regulations. This product is not hazardous and is fully biodegradable.

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## 7.0 HANDLING AND STORAGE

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Handling practices and equipment: no special instructions

Appropriate storage practices/requirements: Store upright, airtight, at room temperature. Do not freeze.

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## 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Applicable control measures: None required.

Personal protective equipment for each exposure route: None required. Gloves recommended.

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: Light-tan coloured liquid.

Odour: Moderate lemon-clove fragrance

Physical state: liquid at room temperature

pH: 6.98

Vapour pressure and reference temperature: N/A

Vapour density: N/A

Boiling point: N/A

Freezing/melting point: N/A

Specific gravity or density: 0.96

Evaporation rate: N/A

Partition coefficient: N/A

Odour threshold: N/A

Viscosity: N/A  
Solubility in water: N/A

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#### 10.0 STABILITY AND REACTIVITY

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Chemical stability: Stable  
Conditions to avoid: None identified  
Incompatibility with other materials: None identified  
Hazardous decomposition products: None identified  
Hazardous polymerization: No

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#### 11.0 TOXICOLOGICAL INFORMATION

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Effects of short-term exposure: None identified  
Effects of long-term exposure: None identified  
Irritancy: None identified  
Sensitization: May cause reversible redness.  
Carcinogenicity: None identified  
Reproductive toxicity: None identified  
Teratogenicity: None identified  
Mutagenicity: None identified  
Name of toxicologically synergistic products: None identified

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#### 12.0 ECOLOGICAL INFORMATION

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None required

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#### 13.0 DISPOSAL CONSIDERATIONS

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Waste disposal information: None required

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#### 14.0 TRANSPORT INFORMATION

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Shipping information: None required

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#### 15.0 REGULATORY INFORMATION

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WHMIS classification for product: N/A  
Canadian Controlled Products Regulation requirements: N/A

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#### 16.0 OTHER INFORMATION

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This product is not classified as a hazardous material by Health Canada nor the Bureau of Chemical Safety, hence the majority of information requested above is not applicable.