

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: Benefect® Broad Spectrum Disinfectant
Product Use: Disinfectant
Regulatory Class: Registered Product – EPA # 74771-1
D.O.T. Classification: Not Regulated
TDG Classification: Not Regulated
Manufacturer: Sensible Life Products (div. of LBD Ltd.)
Address: 7 Innovation Drive, Flamborough, Ontario L9H 7H9
Telephone: (905) 690-7474
Emergency Phone: (905) 690-7474

| | |
|--------------|---|
| HEALTH | 0 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

SECTION II – ACTIVE INGREDIENTS

| Ingredients | CAS# | WT% | ACGIH-TLV | LC ₅₀ | LD ₅₀ |
|-------------|-----------|---------|------------------|------------------|----------------------|
| Oils, thyme | 8007-46-3 | 0.1 – 1 | None established | Not available | 4700 mg/kg oral, rat |

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.
 Toxic Substances Control Act (TSCA) – All the ingredients are listed or exempt from listing on the Chemical Substance Inventory.
 California Proposition 65 – No ingredients listed.

SECTION III – PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): As for water
Vapor Pressure (mm Hg): Not applicable
Vapor Density (Air = 1): Not applicable
Solubility in Water: Some separation occurs, agitation required.
Physical State: Liquid
Appearance: Light tan

Specific Gravity (H₂O=1): 1.00-1.02
% Volatile (Wt%): Not applicable
Evaporation Rate: As per water
pH (100%): 5.0 – 6.0
Viscosity: As per water
Odor: Lemon – spice

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Not flammable by OSHA criteria
Flash Point (°C, TCC): None to boil
Hazardous Combustion Products: None
Auto-ignition Temperature: Non-combustible

LEL: Not applicable
UEL: Not applicable

SECTION V – REACTIVITY DATA

Conditions for Chemical Instability: Stable
Incompatible Materials: Not known
Reactivity, and Under What Conditions: As for water
Hazardous Decomposition Products: None

SECTION VI – TOXICOLOGICAL PROPERTIES

Route of Entry: Skin most likely

EFFECTS OF ACUTE EXPOSURE: None known

Eye: No effect as per FIFRA CFR 10 Part 162.10

Skin: No effect as per FIFRA CFR 10 Part 162.10

Ingestion: No effect as per FIFRA CFR 10 Part 162.10

Inhalation: No effect as per FIFRA CFR 10 Part 162.10

EFFECTS OF CHRONIC EXPOSURE:

Skin: No data available

Irritancy: Non-hazardous by OSHA criteria

Respiratory Tract Sensitization: No data available

Carcinogenicity: Non-hazardous by OSHA criteria

Teratogenicity, Mutagenicity, Reproductive Effects: No data available

Synergistic Materials: Not available

SECTION VII – PREVENTATIVE MEASURES

Gloves: None required

Eye Protection: None required

Respiratory Protection: None required

Other Protective Equipment: None required by OSHA or NIOSH

Engineering Controls: General ventilation adequate

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers.

Prevent extremely large spills from entering sewers or waterways. Contact supplier for advice.

Waste Disposal: In accordance with federal, state, and local government requirements prior to disposal.

Recycle empty container.

Storage and Handling Requirements: Store airtight at room temperature. Keep out of the reach of children. No special handling requirements.

SECTION VIII – FIRST AID

If irritation occurs, rinse affected area thoroughly with cool water. If swallowed, drink plenty of water.

SECTION IX – PREPARATION INFORMATION

Date: 2006/05/24

MSDS Prepared by: Sensible Life Products (div. of LBD Ltd.)

Telephone: (905) 690-7474

DISCLAIMER

The information contained herein is believed to be accurate and also represents the best information obtained by the manufacturer and recognized technical sources. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to evaluate the information contained in this sheet along with the safe uses of the product. Good personal hygienic practices should be followed.

Sensible Life Products assumes no responsibility for injury or damage from the use of Benefect Broad Spectrum Disinfectant that in any way differs from what is provided in the label directions.