



Safety Data Sheet (SDS)

Product Name: Monterey Complete Disease Control Brand  
Date of Compilation: July 13, 2018

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** Monterey Complete Disease Control Brand  
**Product Type:** Liquid Concentrate  
**EPA Registration No.** 70051-107-54705  
**Active Ingredient:** *Bacillus amyloliquefaciens* strain D747  
**CAS No.:** 68038-60-8

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses:** Bio-fungicide  
**Uses advised against:** Any use not listed on the label

**1.3. Details of the supplier of the safety data sheet**

**Name:** Lawn and Garden Products, Inc.  
**Address:** P.O. Box 35000  
Fresno, California 93745  
U.S.A.  
**Phone Number:** (559) 499-2100  
**Website:** Info@montereylawnngarden.com

**1.4. Emergency telephone number**

**Emergency Phone Numbers (24 Hour):** For Medical Emergencies, call ChemTel, Inc.: (800) 255-3924  
For Transportation Emergencies, call Chemtrec®: (800) 424-9300

**SECTION 2: Hazards identification** 2.1. Classification of the substance or mixture

**Hazard Classification:** Not classified as hazardous by OSHA  
**EPA Signal Word:** Caution see section 15  
**Hazard Statements:** None  
**Pictogram:** None  
**Precautionary Statements:** Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco and using the toilet.

**2.2 Other Hazards:** For Terrestrial Uses: Do not apply directly to water or to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift or runoff from treated areas.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Ingredient	Percentage	CAS#
<i>Bacillus amyloliquefaciens strain D747</i>	98.85	68038-60-8

**SECTION 4: First aid measures****4.1. Description of first aid measures****Generic measures**

**Eye Contact:** Immediately flush with water holding eye open for 15-20 minutes. Remove contact lenses after 5 minutes if present and continue rinsing eye. Seek medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing and wash affected area with plenty of soap and water. If irritation persists call poison control or doctor for treatment advice.

**Inhalation:** Remove individual to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call poison control center or doctor for further advice.

Have the product label with you when calling a poison control center or doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

May cause an allergic reaction in some individuals

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to Physicians:** The active ingredient contained in this product has a high affinity for activated charcoal. In case of ingestion of large amounts, administer 5 mg/kg activated charcoal suspension (50g/400mL water).

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable Extinguishing Media:** All extinguishing media

**Unsuitable Extinguishing Media:** None known

**5.2. Special hazards arising from the substance or mixture**

**Hazardous combustion products:** None known

**5.3. Advice for firefighters**

Protection of Firefighters: None specified

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel: Use personal protections as indicated in Section 8.

For emergency responders: Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local and national health and environmental regulations.

**6.3. Methods and material for containment and cleaning up**

**Methods for Containment:** Recover free product. Use absorbent material to minimize runoff of product or mixed product.

**Methods for Clean-Up:** Sweep up and place in a chemical container. Seal the container and handle in an approved manner. Do not allow wash water to contaminate water supplies. Dispose of in accordance with Federal State and local regulations for disposal of non-hazardous waste.

**Other Information:** None

**6.4. Reference to other sections**

See Section 8 for occupational exposure limits and risk management measures. Refer to Section 13 for disposal considerations..

**SECTION 7: Handling and storage****7.1. Precautions for safe handling:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticides got inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Store pesticide in a cool dry area that is inaccessible to children. Store in original containers only. Keep container closed when not in use.

**7.3. Specific end use(s)**

Wastes resulting from the use of this product maybe be disposed of on site or at an approved waste disposal facility.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****OSHA Permissible Exposure Limits (PELs): Not determined****ACGIH Threshold Limit Values: Not determined****Other Exposure Limits: Not determined****8.2. Exposure controls****Engineering Controls:** Use in well ventilated area**Personal Protective Equipment****Eye/Face Protection:** None specified**Skin Protection** Long sleeved shirt and long pants**Hand Protection:** Waterproof gloves**Body Protection:** Shoes plus socks**Respiratory Protection:** Mixer loaders and applicators must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R- 95, or P-95.**Thermal Hazards:** None**General Hygiene Considerations:** Repeated exposure to high concentrates of microbial proteins can cause allergic sensitization.  
Wash clothing and PPE using manufacturer's instructions immediately after use and before reuse.**Environmental exposure controls:** Do not apply directly to water or to areas where surface water is present or intertidal areas below high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply when weather conditions favor drift or run off from treated areas.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance:</b>	Tan liquid
<b>Odour:</b>	Yeast like
<b>Odour Threshold:</b>	Not determined
<b>pH:</b>	4.0-5.0
<b>Melting Point / Freezing Point:</b>	32° F (0°C)
<b>Initial Boiling Point:</b>	212° F (100°C)
<b>Boiling Range:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available

<b>Lower &amp; Upper Flammability Limits:</b>	Not available
<b>Vapour Pressure:</b>	Not available
<b>Vapour Density:</b>	Not available
<b>Density:</b>	8.5-8.6 lb./gallon
<b>Solubility:</b>	Not available
<b>Partition Coefficient (n-octanol/water):</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	4.0-16 cP
<b>Explosive Properties:</b>	None known
<b>Oxidising Properties:</b>	None known

**9.2. Other information**

Not available.

**SECTION 10: Stability and reactivity**

<b><u>10.1. Reactivity</u></b>	Stable
<b><u>10.2. Chemical stability</u></b>	Stable
<b><u>10.3. Possibility of hazardous reactions</u></b>	None known
<b><u>10.4. Conditions to avoid</u></b>	None known
<b><u>10.5. Incompatible materials</u></b>	None know
<b><u>10.6. Hazardous decomposition products</u></b>	None Known

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute Toxicity****Toxicological information on the substance or mixture:**

<b>LD<sub>50</sub> (oral)</b>	LD <sub>50</sub> > 5000 mg/kg body weight rat, test results based on similar product containing the same active ingredient.
<b>LD<sub>50</sub> (dermal)</b>	LD <sub>50</sub> > 5050 mg/kg body weight rat, test results based on similar product containing the same active ingredient.
<b>LC<sub>50</sub> (inhalation)</b>	LC <sub>50</sub> > 2.18 mg/L, test results based on similar product containing the same active ingredient