

# Material Safety Data Sheet



Form: Liquid

Dated: September 2010

## Section 1: Chemical Product and Company Information

Product Name: Maximizer DT Pro

Supplier/ Further Information: Bio-Cat Microbials  
689 Canterbury Road Shakopee, MN 55379  
(p)434-589-4777, (f)434-589-3301  
Email: [info@bio-cat.com](mailto:info@bio-cat.com) [www.bcmicrobials.com](http://www.bcmicrobials.com)

## Section 2: Composition/ Information on Ingredients

Chemical Name: N/A		Formula: N/A
Chemical Family: Bacterial		Synonyms: N/A
Molecular Weight: Not available		Shipping Name: N/A
Hazard Classification: None		Source: <i>Aspergillus oryzae</i>
CAS Number: 9001-62-1	I.U.B. Number: 3.1.1.3	Source: <i>Bacillus subtilis</i>
CAS Number: 9000-90-2	I.U.B. Number: 3.2.1.1	Source: <i>Bacillus subtilis</i> (GM)
CAS Number: 9014-01-1	I.U.B. Number: 3.4.21.62	
CAS Number: Proprietary	Chemical: Proprietary bacteria blend	
CAS Number: 57-55-6	Chemical: Propylene glycol	
CAS Number: Proprietary	Chemical: Proprietary surfactant	
CAS Number: 532-32-1	Chemical: Sodium benzoate	

## Section 3: Hazards Identification

Health Hazard Information: Potential allergic reaction and/or breathing problem if aerosol inhaled.

Potential Health Effects:

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: Ingestion of material is not known to result in significant adverse health effects.

Inhalation: May cause sensitization by inhalation in hypersensitive individuals. Avoid aerosol generation.

Signs and Symptoms of Exposure: The allergic symptoms are such as runny nose, cough, sneeze, languor, slight attack of fever.

## Section 4: First Aid Measures

Inhalation: If inhaled remove from contaminated area to fresh air. Report situation. Seek medical attention if allergic response is exhibited.

Eye Contact: In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation develops, seek medical attention.

Skin Contact: In case of contact with skin, wash skin with soap and water. Remove contaminated clothing and wash.

Ingestion: If swallowed, rinse mouth and throat thoroughly with tap water. Drink water.

### Section 5: Fire Fighting Measures

Flash Point/Ignition Temperature: NFPA Rating: Health = 1  
Flammability = 1  
Reactivity = 0

Protection Against Fire & Explosions: Under normal use no special requirements.  
Explosion Characteristics: N/A  
Hazardous Decomposition Products: None  
Suitable Fire Extinguishing Media: Water, Foam, Halon

### Section 6: Accidental Release Measures

After Spillage: Dike and absorb spill with inert materials. Transfer to sealable containers for disposal. Do not use high pressure air or water to clean up. Minimize aerosolization during clean up. Ensure sufficient ventilation. Wash contaminated clothing.

### Section 7: Handling and Storage

Handling: Never handle liquid without appropriate personal protective equipments in accordance with Section 8. Avoid formation of aerosol. Avoid splashing and high pressure washing. Ensure good ventilation of the room when handling this product.

Storage: Store container in a dry, cool place.

### Section 8: Exposure Controls/ Personal Protection

Respiratory Protection: None required under usual condition of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine appropriate unit.  
Hand Protection: Impermeable gloves recommended.  
Eye Protection: Protective glasses or eye shield.  
Industrial Hygiene: Maintain good conditions of industrial hygiene.

### Section 9: Physical and Chemical Properties

Boiling Point, 760 mm Hg: 100 – 105°C	Specific Gravity: 1.01 to 1.03
Evaporation rate (butyl acetate = 1): As water	% Volatile by Volume: 0
Appearance & Odor: Brown liquid-typical fermentation odor	Pour Point: N/A
Vapor Pressure at 20 degrees: As water	Vapor Density (Air=1) 0. 62
Solubility in water, % by weight: Completely miscible	pH Value: 6.5 – 8.5

### Section 10: Stability and Reactivity

Stability: Stable  
Hazardous Decomposition or Byproducts:N/A

### Section 11: Toxicological Information

Inhalation of aerosol may cause respiratory allergy in susceptible individuals. Oral rat LD-50 >2g/kg- classifies product as “non-toxic”.

Not classified as a carcinogen by IARC, OSHA, or NTP.

### Section 12: Ecological Information

Product is readily biodegradable.

**Section 13: Disposal Considerations**

No special disposal method required, except that in accordance with current local authority regulations.

**Section 14: Transport Information**

Road/Rail: Not classified

Sea: Not classified

Air: Not classified

**Section 15: Regulatory Information**

The active ingredient and all components of the enzyme preparation are listed on the TSCA Inventory.

**Section 16: Other Information**

Any person who experiences any allergic or sensitive reactions to this liquid should refrain from handling it again.

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of the company, it is the responsibility of the user to determine the conditions of safe use of this product. The information does not represent analytical specifications.