



Byo-Gon, Inc.
MATERIAL SAFETY DATA SHEET

ByoSoil 100-F

SECTION 1 :=====IDENTIFICATION=====

Effective Date: 1/03/12

Revised: 01/03/12

Byo-Gon, Inc.

2344 VZ CR 4823
Chandler, TX 78758

Phone Number: 800-580-5509

Emergency Phone: CHEMTREC (800)-424-9300

Chemical Name: NOT APPLICABLE
Synonyms: NONE
D.O.T. Hazard Class: PRODUCT IS NOT DOT REGULATED
D.O.T. Shipping Name: PRODUCT IS NOT DOT REGULATED
Formula: SEE SECTION II
Chemical Family: N.A.
ID No.: NONE
NFPA Profile: Health 1; Flammability 0; Reactivity 0

SECTION 2 :=====INGREDIENTS=====

A. Hazardous Ingredients

	%	TLV
NONE KNOWN	N.A.	N.A.

B. Other Ingredients

	%*	TLV
INGREDIENTS NOT PRECISELY IDENTIFIED ARE NON-HAZARDOUS & PROPRIETARY. INGREDIENTS OF <1% HAVE BEEN ADDED TO A NON-HAZARDOUS LIQUID ORGANIC SUBSTRATE	10-20%	NONE ESTAB.
ACTIVE COMPONENTS: PROPRIETARY	10-20%	NONE ESTAB.
N-P-K BLEND		

SECTION 3 :=====PHYSICAL PROPERTIES=====

Boiling Point: ~212°F	Specific Gravity: ~1.0 – 1.03
Percent Volatile (volume): N.A.	pH (undiluted): 7.5-9.5
Vapor Pressure (mm Hg): N.A.	Solubility in Water: 99%
Vapor Density (air=1): N.A.	Evaporation Rate (water=1): <1.0
Freezing Point ~0°F	Viscosity: Similar to Water

Appearance and Odor: DARK BROWN/BLACK LIQUID, MILD EARTHY ODOR.



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SECTION 4:=====FIRE AND EXPLOSION HAZARD DATA=====

Flash Point (method used): NOT APPLICABLE

Flammable Limits in Air (lower): N.A.

(upper): N.A.

Extinguishing Media: SOLUTION IS NOT FLAMMABLE. IF INVOLVED IN A FIRE, USE WATER.

Special Fire Fighting Procedures: NONE. PRODUCT WILL NOT BURN.

Unusual Fire or Explosion Hazards: NONE. PRODUCT WILL NOT BURN.

SECTION 5:=====HEALTH HAZARD DATA=====

A. TLV and source: N.A.

B. Effects of a Single Overexposure by

1. Ingestion: MAY CAUSE SICKNESS IF INGESTED IN LARGE QUANTITIES.
2. Inhalation: LOW ORDER OF TOXICITY. MAY CAUSE MILD DISCOMFORT.
3. Skin Contact: SLIGHT REDNESS ON HANDS AND FORARMS IF INDIVIDUAL HAS HISTORY OF DERMAL ALLERGIC REACTIONS.
4. Eye Contact: MAY CAUSE MILD TRANSIENT IRRITATION.

C. Cancer Statement: THIS PRODUCT (OR ANY COMPONENT AT A CONCENTRATION OF 0.1% OR GREATER) IS NOT LISTED BY THE NTP, LARC, OSHA OR EPA AS A CARCINOGEN. IT ALSO CONTAINS NO KNOWN TERATOGENS, REPRODUCTIVE TOXINS OR SENSITIZERS.

D. Emergency and First Aid Procedure for

1. Ingestion: GIVE TWO GLASSES OF WATER. DO NOT INDUCE VOMITING GET PROMPT MEDICAL ATTENTION.
2. Inhalation: IMMEDIATELY REMOVE VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION.
3. Skin Contact: WASH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
4. Eye Contact: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.



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SECTION 6:=====PERSONNEL PROTECTION DATA=====

Respiratory Protection: NOT NORMALLY REQUIRED. IF MISTED BY HEAT AGITATION OR SPRAY, USE A MIST RESPIRATOR APPROVED BY NIOSH. DO NOT USE SINGLE-USE TYPE.

Ventilation: VENTILATION SHOULD BE PROVIDED TO CONTROL WORKER EXPOSURES AND PREVENT HEALTH RISK;

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: EYEWASH STATION IN AREA OF USE.

SECTION 7:=====REACTIVITY DATA=====

Product Stability: STABLE

Conditions to Avoid: STRONG ACIDS OR ALKALI COMPOUNDS MAY INACTIVATE BIO CULTURES.

Incompatibility: STRONG ACIDS OR ALKALI COMPOUNDS

Hazard Combustion or Decomposition Products: N.A.

Hazardous Polymerization: WILL NOT OCCUR.

SECTION 8:=====ACCIDENTAL RELEASE MEASURES=====

- A. Water Spill: PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. SINCE N-P-K IS A FERTILIZER, IT MAY PROMOTE ENTROPHICATION IN WATERWAYS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL, AND ENSURE CONFORMITY TO ALL FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.
- B. Land Spill: PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES; FOR LARGE SPILLS, IMPLEMENT CLEANUP PROCEDURES AND, IF IN PUBLIC AREA, ADVISE AUTHORITIES. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. RECOVER BY PUMPING OR WITH A SUITABLE ABSORBENT. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO ALL FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.



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SECTION 9:=====SPECIAL PRECAUTIONS=====

A. Handling and

Storage: KEEP CONTAINER CLOSED. BOTH OPEN AND HANDLE CONTAINERS WITH CARE. STORE IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.

STORAGE TEMPERATURE: 0°F MIN TO 180°F MAX.

LOADING TEMPERATURE: 0°F MIN TO 180°F MAX.

STORAGE PRESSURE: ATMOSPHERIC

B. Other Precautions: NONE

SECTION 10:=====TOXICOLOGICAL INFORMATION=====

PLEASE CALL THE NON-EMERGENCY TELEPHONE NUMBER ON PAGE ONE IF THIS INFORMATION IS REQUIRED.

SECTION 11:=====ECOLOGICAL INFORMATION=====

PLEASE CALL THE NON-EMERGENCY TELEPHONE NUMBER ON PAGE ONE IF THIS INFORMATION IS REQUIRED.

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure their employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is illegal.