


 Material Safety Data Sheet (MSDS)
 TM-100

MATERIAL SAFETY DATA SHEET

US DEPARTMENT OF LABOR

May be used to comply with OSHA's Hazard. Communication Standard, 29 CFR 1910.1200 Standard must be consulted for specific Requirements.

Occupational Safety and Health Administration.
(Non-mandatory form)

Form approved OMB No. 1218-0072

Identity: Product name: TM-100

Synonyms: None
 Product type: Organic formulation (liquid formulation) – Concentrate

Section I. -

Manufacture's Name: Bio-Science Environmental Services and Laboratory, Inc.
 149 Boston Turnpike Rd.
 Shrewsbury, MA. 01545
 Emergency telephone number:
 1-(866) 463-2511

Section II. – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous / Non-hazardous components (specific chemical identity):

A complex of hydrolyzed proteins and enzymes: 100 percent organic components. Specific identities of these ingredients are considered by Bio-Science Environmental Services and Laboratory, Inc. to be Trade Secrets are withheld in accordance with provisions 1910.1200 of Title 29 the Code of Federal Regulations. Ingredients are 100 percent safe.

Hazardous ingredients: None

Exposure limits: N/A

Section III. – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point:	100 degrees C	Specific gravity (H2O = 1)	1.2
Vapor pressure (mm Hg.):	N/A	Melting point:	N/A
Vapor density (Air = 1):	N/A	Evaporation rate:	N/A (as water)
Butyl acetate = 1:	N/A	Solubility in water:	Total (100%)
Appearance and Odor:	opaque liquid – slight citrus odor		

Section IV. – FIRE AND EXPLOSION HAZARD

Flash point (method used): none
 Extinguishing media: N/A
 Special fire fighting procedures: N/A (non flammable)

Flammable limits: N/A
 LEL: N/A
 UEL: N/A
 Unusual Fire and explosion hazards: N/A

Section V. – REACTIVITY DATA

Stability: Stable
 Conditions to avoid: Avoid strong oxidizing agents.
 Hazardous decomposition or by-products: None known
 Hazardous polymerization: May occur. No Conditions to avoid
 May not occur: X None known

Unstable: No
 Incompatibility (Materials to Avoid): Avoid strong oxidizers

Section VI. – HEALTH HAZARD DATA

Routes of entry: Inhalation, ingestion and skin contact. Inhalation: X Skin: X Ingestion: X
May be irritating to open lesions and may irritate the eyes. May cause eyes to get watery.
Carcinogenicity NIP: N/A IARC Monographs?: N/A OSHA Regulated: No
Signs and symptoms of Exposure: N/A Medical conditions aggravated by exposure: None
EYE CONTACT: If splashed into eyes, flush with clear water for 15 minutes to remove product.

SKIN CONTACT: In case of prolonged skin contact, wash affected areas with soap and water thoroughly.

INGESTION: If digested, give plenty of water to drink and seek medical advice.

Emergency and first aid procedures: If accidentally ingested, rinse mouth with water. Give up to 8 oz. of water. Obtain medical advice if stomach discomfort occurs. In event of contact with eyes, irrigate immediately with clean water for a minimum of 10 - 15 minutes. Obtain medical advice if irritation persists.

Section VII. – PRECAUTION FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Wipe up spill with cloth or with paper towel. Rinse area with soap and water and wipe up.

Waste Disposal Method: Flush with water. N/A - Non-hazardous ingredients.

Precautions to be taken in handling and storing:

Keep at room temperature, DO NOT FREEZE. Keep lid closed when not in use. Store in area away from direct sunlight. Use product at room temperature.

Section VIII. – CONTROL MEASUREMENTS

Respiratory Protection: (Specify type)

Ventilation: Local exhaust – Use in well ventilated areas. Special – N/A

Mechanical: (general)

Protective gloves – Yes Eye protection – Yes Protective Masks – N/A

Other protective clothing – Wear protective coverall suites or appropriate uniform. Avoid spilling concentrate on clothing. If spill occurs, change clothing.

Work/Hygienic Practices: If product comes in contact with eyes, rinse with water thoroughly. If product comes in contact with skin, rinse with soap and water, thoroughly.


 Material Safety Data Sheet (MSDS)
 TM-100 Plus

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US DEPARTMENT OF LABOR

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Vapor pressure (mm Hg.):	N/A	Melting point:	N/A
Vapor density (Air = 1):	N/A	Evaporation rate:	N/A (as water)
Butyl acetate = 1:	N/A	Solubility in water:	Total (100%)
Appearance and Odor:	slight green, opaque liquid – slight citrus odor		

Section IV. – FIRE AND EXPLOSION HAZARD

Flash point (method used): none
 Extinguishing media: N/A
 Special fire fighting procedures: N/A (non flammable)

Flammable limits: N/A
 LEL: N/A
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 Unusual Fire and explosion hazards: N/A

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 Material Safety Data Sheet (MSDS)
 TM-BAC

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Butyl acetate = 1:	N/A	Solubility in water:	Total (100%)
Appearance and Odor:	slight blue, opaque liquid		

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