

BOTANICALS PLUS!

MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

Issued by:
BOTANICALS PLUS
163 East Main Street
Little Falls, NJ 07424
Telephone # 973-439-1417

Chemtrec Emergency Telephone No.: 800-424-9300
Chemtrec International Telephone No.: 703-527-3887 (Collect Calls Accepted)

Trade Name: **BP - PHYTOCOLLAGEN**
Chemical Name: Poly-glutamic acid, Poly-fructose, water
INCI: Amino Acid Polymer, Fructose Polymer
Chemical Family:
CAS#: Mixture
HMIS HAZARD RATINGS: Health (0) Fire (0) Reactivity (0)

SECTION 2. PRODUCT IDENTIFICATION

. PRODUCT NAME : BP - PHYTOCOLLAGEN
. PRODUCT CLASS : Fermentation product (from Soybean)

SECTION 3. COMPOSITON

. SINGLE OR MIXTURE : Mixture
. CHEMICAL NAME : Poly-glutamic acid, Poly-fructose, water
. HAZARDOUS COMPONENT(S)/(CAS No.) : No hazardous materials present

SECTION 4. PHYSICAL / CHEMICAL PROPERTIES

. APPEARANCE(color) : Transparent to Pale yellow
. APPEARANCE(form) : Liquid
. ODOR : Slightly characteristic odor
. SPECIFIC GRAVITY : 1.000 – 1.080
. VISCOSITY : Not applicable
. BOILING POINT : Not applicable
. VAPOR PRESSURE : Not applicable
. VAPOR DENSITY(AIR=1) : Not applicable
. MELTING POINT : Not applicable
. EVAPORATION RATE : Negligible (Butyl Acetate = 1)
. SOLUBILITY IN WATER : Water soluble



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SECTION 5. FIRE AND EXPLOSION HAZARD

. GENERAL HAZARD :	Not applicable
. FLASHPOINT :	Not applicable
. FLAMMABLE LIMITS :	LOWER : Not tested UPPER : Not tested
. SPECIAL FIRE FIGHTING PROCEDURE :	Not required
. UNUSAL FIRE AND EXPLOSION HAZARD :	Not applicable

SECTION 6. HEALTH INFORMATION

A. EXPOSURE / HEALTH EFFECT	
. INHALATION :	No adverse effects expected from inhalation
. INGESTION :	No adverse effects expected from ingestion
. SKIN CONTACT :	No adverse effects expected from skin contact
. CHRONIC EXPOSURE :	No adverse effects expected from chronic exposure
B. FIRST AID	
. INHALATION :	Remove to fresh air.
. INGESTION :	Throw up. Drink two glasses of water.
. SKIN EXPOSURE :	Wash well with water.
. EYE EXPOSURE :	Wash well with water.
C. TOXICITY DATA	
. ACUTE ORAL TOXICITY (RAT IN ORAL) :	5g / kg body weight
. SKIN IRRITATION (HUMAN) :	no irritant (tested with 5% solution)
. SKIN IRRITATION (RABBIT) :	no irritant (tested with 5% solution)
. SENSITIZATION (GUINEA PIG MAXIMIZATION TEST) :	no sensitization (tested with 5% solution)

SECTION 7. STABILITY AND REACTIVITY

. HAZARDOUS POLYMERIZATION WILL NOT OCCUR

SECTION 8. SPILL OR LEAK PROCEDURES

- . ACTION TO TAKE FOR SPILL/LEAKS : Use absorbent material
- . DISPOSAL METHOD : May incinerate. Disposal must comply with federal, state and local regulation.

SECTION 9. TRANSPORT AND STORAGE INFORMATION

. GENERAL :	Keep in a tightly closed, cool and dark place
. STORAGE PRESSURE :	Atmospheric
. LOADING TEMPERATURE :	Ambient

SECTION 10. ADDITIONAL INFORMATION

. For Industrial Use Only

SECTION 11. OTHER INFORMATION

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