



**PhyNexus, Inc.**

**STREPTAVIDIN PHYTIP COLUMNS MSDS**

**MATERIAL SAFETY DATA SHEET**

PhyNexus, Inc.  
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United States

Preparation Date: Sep 8, 2015  
Printed Date: Sep 8, 2015  
Technical Phone: 408-267-7214

**SECTION 1. CHEMICAL IDENTIFICATION**

NAME: STREPTAVIDIN PHYTIP COLUMNS  
SUBSTANCE: POLYMERS WITH PORTION COATED WITH GLYCEROL  
CAS#: None

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS#: 9003-07-0 POLYPROPYLENE

MF: N.A.

EC Number: Not Assigned

SYNONYMS: N.A.

Polypropylene is considered non hazardous.

CAS#: 9012-36-6 POLYSACCHARIDE AGAROSE

MF: N.A.

EC Number: Not Assigned

SYNONYMS: Agarose

Polysaccharide agarose is considered non hazardous

CAS#: 56-81-5 GLYCEROL 10%

Chemical Formula:  $C_3H_5(OH)_3$

SYNONYMS: 1,2,3-PROPANETRIOL; GLYCERIN; GLYCOL ALCOHOL; Glycerol is generally regarded as a safe or slightly hazardous material. It is slightly irritating and slightly toxic. It is flammable.

CAS#: 7732-18-5 WATER 10%

**SECTION 3. HAZARDS IDENTIFICATION**

NFPA Ratings (SCALE 0-4): HEALTH=0-1 FIRE=0-1 REACTIVITY=0

NON HAZARDOUS OR SLIGHTLY HAZARDOUS

CARCINOGEN STATUS:

-OSHA: No.

-NTP: No.

-IARC: No.



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### **SECTION 4. FIRST-AID MEASURES**

SEEK MEDICAL ASSISTANCE FOR ANY OVEREXPOSURE.

SKIN: Wash thoroughly with soap and water.

EYES: Immediately flush thoroughly with water for at least 15 minutes.

INGESTION: If conscious drink copious amounts of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

### **SECTION 5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Use extinguishing agents appropriate for surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None, not a fire hazard.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Absorb material and collect in an appropriate container for disposal. Wash spill site with soapy water.

### **SECTION 7. HANDLING AND STORAGE**

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances. Store between 4-20°C, do not freeze.

### **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

EXPOSURE LIMITS: No occupational exposure limits established.

CHEMICAL SAFETY GOGGLES.

SAFETY SHOWER AND EYE BATH.

COMPATIBLE CHEMICAL-RESISTANT GLOVES (PVC, RUBBER OR NITRILE).

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

KEEP TIGHTLY CLOSED.

STORE BETWEEN 4-20°C.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

SPECIFIC GRAVITY: N.A.

APPEARANCE: Polymer and Colorless liquid.

ODOR: Odorless.

BOILING POINT: N.A.

WATER SOLUBILITY: Portions are Water soluble. Polymers are insoluble.



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**SECTION 10. STABILITY AND REACTIVITY**

REACTIVITY: Stable at normal temperatures and pressure.  
INCOMPATIBILITIES: Strong oxidizing agents.  
HAZARDOUS POLYMERIZATION: Will not occur.  
DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

**SECTION 11. TOXICOLOGICAL INFORMATION**

INHALATION: No Data Available.  
SKIN CONTACT: No Data Available.  
EYE CONTACT: No Data Available.  
INGESTION: No Data Available.

**SECTION 12. ECOLOGICAL INFORMATION**

Data Not Yet Available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

**SECTION 14. TRANSPORT INFORMATION**

No classification assigned (DOT, Canadian, Land, Air & Maritime).

**SECTION 15. REGULATORY INFORMATION**

TSCA INVENTORY STATUS: No.  
TSCA 12 (b) EXPORT NOTIFICATION: Not listed.  
CERCLA SECTION 103 (40CFR302.4): No.  
SARA SECTION 302 (40CFR355.30): No.  
SARA SECTION 304 (40CFR355.40): No.  
SARA SECTION 313 (40CFR372.65): No.  
SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21):  
ACUTE: No.  
CHRONIC: No.  
FIRE: No.  
REACTIVE: No.  
SUDDEN RELEASE: No.  
OSHA PROCESS SAFETY (29CFR1910.119): No.  
STATE REGULATIONS:  
CALIFORNIA PROPOSITION 65: No.  
CANADIAN REGULATIONS: Not assigned.  
EUROPEAN REGULATIONS: Not assigned.



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**SECTION 16. ADDITIONAL INFORMATION**

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