

MATERIAL SAFETY DATA SHEET

PAGE 1

IDENTIFICATION

**PRODUCT NAME** Biotinylated Concanavalin A  
**CATALOG NO.** B-1005

HAZARDOUS INGREDIENTS

**MATERIAL** Biotinylated Concanavalin A

**% BY WEIGHT** 30%

**HAZARD DATA** Toxicity data: ivn-mus LD50 : 50mg/kg

**RTECS #:** GK6890000

**CAS #:** 11028-71-0

**MATERIAL** Sodium Azide

**% BY WEIGHT** 0.04%

**HAZARD DATA** Toxicity data: orl-hmn TDL<sub>0</sub> : 710ug/kg

**RTECS #:** VY8050000

**CAS #:** 26628-22-8

PHYSICAL DATA

**APPEARANCE** Colorless liquid

**MELTING POINT** n/a

**SOLUBILITY IN WATER** n/a

**BOILING POINT** n/a

**SPECIFIC GRAVITY** n/a

**EVAPORATION RATE** n/a

FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT** n/a

**FLAMMABLE LIMITS IN AIR** n/a

**EXTINGUISHING MEDIA** Water, foam, carbon dioxide

**SPECIAL FIREFIGHTING PROCEDURES** Use respirator. Toxic gases can be evolved: carbon monoxide, carbon dioxide, nitrogen oxides.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** None

HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE** 300ug/m<sup>3</sup>

**ACUTE EFFECTS OF OVEREXPOSURE** May cause local discomfort if placed on skin, in eyes, ingested or inhaled.

**EMERGENCY AND FIRST AID PROCEDURES** Wash affected area thoroughly with water. Irrigate eyes for at least 15 min. If inhaled, remove to fresh air. Call a physician.

**SKIN CONTACT** May cause local discomfort

**EYE CONTACT** May cause irritation

**INHALATION** May cause irritation

**INGESTION** Harmful if swallowed

REACTIVITY DATA

**STABILITY** Stable

**MATERIALS TO AVOID** Strong oxidizers

**CONDITIONS TO AVOID** Acidic pH

**HAZARDOUS POLYMERIZATION** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS** Carbon monoxide, carbon dioxide, nitrogen oxides

CONTINUED ON NEXT PAGE

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PAGE 2

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SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED** Flush to sewer if allowed or collect on absorbent and dispose in approved land fill.

**WASTE DISPOSAL METHOD** Flush to sewer if allowed.

SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION** n/a

**VENTILATION** Use only with adequate ventilation.

**PROTECTIVE GLOVES NEEDED** Yes

**EYE PROTECTION NEEDED** Yes

SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE** Store in refrigerator.

The information contained in this Material Safety Data Sheet is believed to be accurate but it is the responsibility of the user to determine the applicability of these data to the formulation of necessary safety precautions. Vector Laboratories Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Data Sheet.