

MATERIAL SAFETY DATA SHEET

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IDENTIFICATION

PRODUCT NAME Agarose Ricinus Communis Agglutinin II (RCA 60)
CATALOG NO. AL-1093

HAZARDOUS INGREDIENTS

MATERIAL Ricinus Communis Agglutinin II (RCA 60)
% BY WEIGHT 1%
HAZARD DATA ***HIGHLY TOXIC*** orl-hmn LDLo:2mg/kg
orl-rat LDLo:100mg/kg
ivn-mus LD50:3ng/kg

RTECS #: VJ2625000
CAS #: 9009-86-3

MATERIAL Sodium Azide
% BY WEIGHT 0.08%
HAZARD DATA Toxicity data: orl-hmn TDLo:710µg/kg
RTECS #: VY8050000
CAS #: 26628-22-8

PHYSICAL DATA

APPEARANCE Colorless Liquid
SOLUBILITY IN WATER n/a
SPECIFIC GRAVITY n/a
MELTING POINT n/a
BOILING POINT n/a
EVAPORATION RATE n/a

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 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
FLAMMABLE LIMITS IN AIR n/a

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE No acceptable amount
ACUTE EFFECTS OF OVEREXPOSURE Inhalation or ingestion causes violent purging which may lead to collapse and death.
EMERGENCY AND FIRST AID PROCEDURES Wash affected area thoroughly with water. Irrigate eyes for at least 15 minutes. If inhaled, remove to fresh air. Call Emergency physician immediately.
SKIN CONTACT May be fatal
EYE CONTACT May be fatal
INHALATION May be fatal
INGESTION May be fatal

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IDENTIFICATION

PRODUCT NAME Ricin A Chain
CATALOG NO. L-1190

REACTIVITY DATA

STABILITY Stable
CONDITIONS TO AVOID 70 degrees Fahrenheit - Do not lyophilize
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide, nitrogen oxides
MATERIALS TO AVOID Strong oxidizers

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Wash contaminated area with 5% sodium hypochlorite (bleach).
WASTE DISPOSAL METHOD After mixing with 5% sodium hypochlorite, flush to sewer if allowed or collect on absorbent and dispose in approved land fill.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Dust mask
VENTILATION Use only in a hood.
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.

OTHER INFORMATION

REVISION DATE 3/17/06