



# SAFETY DATA SHEET

Date of Issue:

May 1, 2015

## Section 1. Identification

**Product Name:** Agarose *Vicia Villosa* Lectin (VVL, VVA)

**Catalog No.:** AL-1233

### Manufacturer/Supplier USA:

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## Section 2. Hazards Identification

### GHS Classification:

This product has been classified as non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients.

**GHS Label:** Non-hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS:** None

## Section 3. Composition/Information on Ingredients

Component:	CAS#:	EC#:	% by weight:
Sodium azide	26628-22-8	247-852-1	<0.1%

No ingredients are hazardous according to OSHA criteria.

## Section 4. First Aid Measures

**Inhalation:** Remove to fresh air.

**Skin contact:** Wash thoroughly with soap and water.

**Eye contact:** Flush eyes with water as a precaution.

**Ingestion:** Do not induce vomiting. Wash out mouth with water.

## Section 5. Fire Fighting Measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment:** Use respirator for fire fighting if necessary.

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## Section 6. Accidental Release Measures

Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Collect on absorbent material and dispose of according to federal, state and local environmental regulations.

## Section 7. Handling and Storage

**Handling:** Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves. Handle in accordance with good industrial hygiene and safety practice.

**Storage:** Keep container tightly closed and store according to product label.

## Section 8. Exposure Controls/Personal Protection

**Exposure limits:** Contains no substances with occupational exposure limit values.

**Engineering controls:** Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

**Personal protection:**

**Hand protection -** Compatible chemical-resistant gloves.

**Eye protection -** Chemical safety goggles.

**Skin protection -** Lab coat.

## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Liquid	<b>Flash point:</b>	Not determined
<b>Odor:</b>	None	<b>Autoflammability:</b>	Not determined
<b>pH:</b>	Not determined	<b>Vapor pressure:</b>	Not determined
<b>Boiling point:</b>	Not determined	<b>Relative density:</b>	Not determined
<b>Melting point:</b>	Not determined	<b>Solubility:</b>	Not applicable

## Section 10. Stability and Reactivity

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Acidic pH

**Materials to avoid:** Strong oxidizers. May react with lead and copper plumbing to form highly explosive metal azides.

**Hazardous reactions/decomposition products:** Carbon monoxide, carbon dioxide, nitrogen oxides.

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## Section 11. Toxicological Information

### Acute toxicity:

Product does not present an acute toxicity hazard based on known or supplied information

### Chronic toxicity:

None known.

## Section 12. Ecological Information

No data available.

## Section 13. Disposal Considerations

Observe all federal, state and local environmental regulations.

## Section 14. Transport Information

**DOT (US):** Not dangerous goods

**RID/ADR:** Not regulated

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

## Section 15. Regulatory Information

### SARA:

SARA 302 - No chemicals in this material are subject to the reporting requirements.

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

California Prop. 65 components:

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

## Section 16. Other Information

The information contained in this Material Safety Data 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.