

Date of Issue: April 4, 2019

Section 1. Product and Company Identification

Product Name: VECTABOND® Reagent

Catalog No.: SP-1800

Manufacturer/Supplier USA:

Vector Laboratories, Inc.
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Supplier United Kingdom:

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Section 2. Hazards Identification

GHS Classification:

Flammable Liquids - Category 4, H227
Acute toxicity, Oral - Category 4, H302
Skin corrosion (Category 1B), H314
Serious eye damage (Category 1), H318
Skin sensitization (Category 1), H317

GHS Label:  

Signal Word: Danger

Hazard Statements:

H227 Combustible liquid.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Precautionary Statements:

Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Avoid breathing dust/fume/gas/mist/vapors spray. Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Immediately remove/take off all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON Center for doctor/physician. If skin irritation or rash occurs: get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Store in well-ventilated place. Keep cool.

SAFETY DATA SHEET

Section 3. Composition/Information on Ingredients

Component:	CAS#:	EC#:	% by weight:
3-Aminopropyltriethoxysilane	919-30-2	218-048-4	>70%

Section 4. First Aid Measures

Inhalation: Remove to fresh air. Obtain medical attention.

Skin contact: Wash thoroughly with water for at least 15 minutes. Obtain medical attention.

Eye Contact: Wash thoroughly with water for at least 15 minutes. Obtain medical attention.

Ingestion: Do not induce vomiting. If person is conscious, wash out mouth with water. Obtain medical attention.

Section 5. Fire Fighting Measures

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

Special protective equipment: Use respirator. Toxic gases can be evolved.

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

Appearance: Liquid.

Odor: None.

pH: Not determined.

Boiling point: Not determined.

Melting point: Not determined.

Flash Point: Not determined.

Autoflammability: Not determined.

Vapor pressure: Not determined.

Relative density: Not determined.

Solubility: Not applicable.

Section 10. Stability and Reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Heat, flames and sparks.

Materials to avoid: Strong oxidizers, acids.

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

Section 11. Toxicological Information

Information on toxicological effects:

Acute toxicity: No data available.

Serious eye damage/eye irritation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

Acute effects:

Very destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin.

Chronic effects:

Note determined

RTECS#: TX2100000

Acute effects: orl-rat LD50: 1780 mg/kg
lpr-mus LD50: 260 mg/kg
skn-rbt LD50: 4000 mg/kg

Only selected RTECS data is shown.

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): UN number: 2735 Class: 8 Packing group: II
Proper shipping name: Amines, liquid, corrosive, n.o.s. (3-Aminopropyltriethoxysilane)
Reportable Quantity (RQ):
Poison Inhalation Hazard: No

RID/ADR: Not regulated.

SIMDG: N number: 2735 Class: 8 Packing group: II
Proper shipping name: Amines, liquid, corrosive, n.o.s. (3-Aminopropyltriethoxysilane)

IATA: N number: 2735 Class: 8 Packing group: II
Proper shipping name: Amines, liquid, corrosive, n.o.s. (3-Aminopropyltriethoxysilane)

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.

Risk phrases:

R22 – Harmful if swallowed.

R34 – Causes burns.

Safety phrases:

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 - Wear suitable protective clothing, gloves and eye face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

Date of Issue or Revision: April 4, 2019

The information contained in this Safety Data Sheet is believed to be accurate, but it is the responsibility of the user to determine the applicability of this data to 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 Safety Data Sheet.

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