



# SAFETY DATA SHEET

Date of Issue:

April 15, 2015

## Section 1. Identification

**Product Name:** ImmEdge™ Pen

**Catalog No.:** H-4000

### Manufacturer/Supplier USA:

Vector Laboratories, Inc.  
30 Ingold Road  
Burlingame, CA 94010  
United States  
Tel: (650) 697-3600 Fax: (650) 697-0339  
Email: vector@vectorlabs.com

### EU Supplier United Kingdom:

Vector Laboratories Ltd.  
3 Accent Park  
Bakewell Road, Orton Southgate  
Peterborough, PE2 6XS, United Kingdom  
Tel: (01733) 237999 Fax: (01733) 237119  
Email: vector@vectorlabs.co.uk

## Section 2. Hazards Identification

### GHS Classification:

Skin Irritation - Category 2, H315  
Eye Irritation - Category 2A, H319  
Reproductive Toxicity - Category 1B, H360  
Specific Target Organ Toxicity - Single Exposure - Category 2, H371  
Specific Target Organ Toxicity - Respiratory system, Central nervous system - Category 3, H335, H336  
Acute aquatic Toxicity - Category 3, H402  
Chronic Aquatic Toxicity - Category 3H412

**GHS Label:**



**Signal Word:** Danger

### Hazard Statements:

H315 Causes skin irritation.  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H360 May damage fertility or the unborn child.  
H371 May cause damage to organs.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice.

(continued on next page)



### Section 3. Composition/Information on Ingredients

Component:	CAS#:	EC#:	% by weight:
Organic Solvent			>70%

The specific chemical and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 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.

**Storage:** Store at room temperature.

### Section 8. Exposure Controls/Personal Protection

**Exposure limits:** Component: Organic Solvent - TWA, 0.1 ppm, USA ACGIH (TLV)

**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.

(continued on next page)



## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Clear liquid, light blue	<b>Flash point:</b>	Nonflammable
<b>Odor:</b>	None applicable	<b>Autoflammability:</b>	Not applicable
<b>pH:</b>	Not determined	<b>Vapor pressure:</b>	Not determined
<b>Boiling point:</b>	65 °C	<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:** Heat and flames.

**Materials to avoid:** Strong oxidizers.

**Hazardous reactions/decomposition products:**

Carbon monoxide, carbon dioxide, nitrogen oxides. Vapors may form explosive mixture with air.

## Section 11. Toxicological Information

### Information on toxicological effects

**Reproductive Toxicity -**

May cause reproductive disorders.  
May impair fertility, Possible risk of harm to the unborn child.

**Specific target organ toxicity -**

May cause damage to organs.  
May cause respiratory irritation.  
May cause drowsiness or dizziness

**Acute effects:**

No data available.

**Chronic effects:**

No data available.

**Toxicity data:** No data available.

## Section 12. Ecological Information

Harmful to aquatic life with long lasting effects.



### Section 13. Disposal Considerations

Observe all federal, state and local environmental regulations.

### Section 14. Transport Information

- DOT (US):** Not classified as dangerous in the meaning of transport regulations (per special provision A46).
- RID/ADR:** Not regulated.
- IMDG:** Not classified as dangerous in the meaning of transport regulations (per special provision A46).
- IATA:** Not classified as dangerous in the meaning of transport regulations (per special provision A46).

### Section 15. Regulatory Information

**SARA:**

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

SARA 313 - This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established.

SARA 311/312 Hazards - Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**Risk phrases:**

R60 - May impair fertility

R63 - Possible risk of harm to the unborn child

R67 - Vapors may cause drowsiness and dizziness

R36/37/38 - Irritating to eyes, respiratory system and skin

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation

**Safety phrases:**

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

S36/37 - Wear suitable protective clothing and gloves.

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

S53 - Avoid exposure - obtain special instructions before use.

California Prop. 65 components:

WARNING! This product contains a chemical known to the state of California to cause 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.