



# UltraTag Labeling Kit-Hapten CH019

## MATERIAL SAFETY DATA SHEET

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1: Product Identifier

Product Name: Hapten CH019  
Product Details:

#### 1.2: Product Uses

For Research Use Only. Not intended for human or animal diagnostic products.

#### 1.3: Company/undertaking Identification

Cell IDx, Inc.  
6197 Cornerstone Court E, Ste 102  
San Diego, CA 92121  
858.452.5800

24 hour Emergency Response: 760.840.1666

### Section 2: Hazardous Identification

#### 2.1: Classification of the substance or material

GHS-US classification

#### 2.2: Label Elements

GHS-US labeling  
No label applicable

#### 2.3: Other Hazards

No additional information available

#### 2.4: Principle Routes of Exposure/Potential Health Effects

May cause eye irritation with susceptible persons.

### Section 3: Composition/information on ingredients

| Chemical Name | CAS number | EINECS- number | Weight |
|---------------|------------|----------------|--------|
| Hapten CH019  | N/A        | N/A            | 100%   |

This product contains no substances which at their given concentration are considered to be hazardous to health.

### Section 4: First Aid Measures

**Skin contact** Rinse cautiously with water for several minutes. Immediate medical attention is not required.

|  |   |
|--|---|
| <b>Eye contact</b>   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  |
| <b>Ingestion</b>   | Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice. |
| <b>Inhalation</b>  | Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.      |
| <b>Most important symptoms and effects, both acute and delayed</b> | Not Applicable  |
| <b>Notes to Physician</b>  | Treat symptomatically.  |

### **Section 5: Firefighting measures**

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                  | Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical. |
| <b>Special protective equipment for firefighters</b> | Standard procedure for chemical fires.                              |
| <b>Specific hazards arising from the chemical</b>    | Not known   |

### **Section 6: Accidental release measures**

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Always wear recommended Personal Protective Equipment. Use personal protection equipment. |
| <b>Methods for cleaning up</b>   | Soak up with inert absorbent material.  |
| <b>Environmental precautions</b> | No special environmental precautions required   |

### **Section 7: Handling and Storage**

|                 |   |
|-----------------|---|
| <b>Handling</b> | Always wear recommended Personal Protective Equipment. No special handling advices are necessary. |
| <b>Storage</b>  | Keep in a dry, cool and well-ventilated place   |

### **Section 8: Exposure controls/personal protection**

**8.1. Control parameters**  
No additional information available.

**8.2. Exposure controls**

|                                   |  |
|-----------------------------------|--|
| Appropriate engineering controls: | Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.   |
| Hand protection:                  | Wear suitable gloves.  |
| Eye protection:                   | Safety glasses or goggles are recommended when handling product.   |
| Skin and body protection:         | Wear suitable protective clothing.   |
| Respiratory protection:           | Not normally needed. In case of insufficient ventilation wear suitable respiratory equipment.  |
| Environmental exposure controls:  | Maintain levels below Community environmental protection thresholds.   |
| Other information:                | Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices. |

### **Section 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

|   |                          |
|---|--------------------------|
| Physical state:                             | Lyophilized powder       |
| Appearance:                                 | No information available |
| Color:                                      | No information available |
| Odour:                                      | No data available        |
| Odour threshold:                            | No data available        |
| pH:   | No data available        |
| Melting point:                              | No data available        |
| Freezing point:                             | No data available        |
| Boiling point:                              | No data available        |
| Flash point:                                | No data available        |
| Relative evaporation rate (butylacetate=1): | No data available        |
| Flammability (solid, gas):                  | Not flammable            |
| Explosive limits:                           | No data available        |
| Explosive properties:                       | No data available        |
| Oxidising properties:                       | No data available        |
| Vapor pressure:                             | No data available        |
| Relative density:                           | No data available        |
| Relative vapour density at 20 °C:           | No data available        |
| Solubility:                                 | No data available        |
| Partition coefficient: n-octanol/water:     | No data available        |
| Log Kow:                                    | No data available        |
| Auto-ignition temperature:                  | No data available        |
| Decomposition temperature:                  | No data available        |

|                       |                   |
|-----------------------|-------------------|
| Viscosity:            | No data available |
| Viscosity, kinematic: | No data available |
| Viscosity, dynamic:   | No data available |

## Section 10: Stability and reactivity

|   |   |
|---|---|
| <b>Stability</b>                          | Stable under normal conditions.                             |
| <b>Materials to avoid</b>                 | No dangerous reaction known under conditions of normal use. |
| <b>Possibility of hazardous reactions</b> | Hazardous reaction has not been reported                    |
| <b>Hazardous decomposition Products</b>   | None under normal use conditions.                           |
| <b>Polymerization</b>                     | Hazardous polymerization does not occur.                    |
| <b>Conditions to avoid</b>                | None under normal processing                                |

## Section 11: Toxicological information

**Acute Toxicity** No toxicology information is available.

### Principle Routes of Exposure

#### Potential Health Effects

|            |  |
|------------|--|
| Eyes       | May cause eye irritation with susceptible persons. |
| Skin       | May cause skin irritation in susceptible persons.  |
| Inhalation | May be harmful by inhalation.                      |
| Ingestion  | May be harmful if swallowed.                       |

**Carcinogenic effects** None.

|                       |       |
|-----------------------|-------|
| Mutagenic effects     | None. |
| Reproductive toxicity | None. |
| Sensitization         | None. |

## **Section 12: Ecological information**

|                 |  |
|-----------------|--|
| Ecotoxicity     | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| Mobility        | No information available.  |
| Biodegradation  | Inherently biodegradable.  |
| Bioaccumulation | Material does not bioaccumulate.   |

## **Section 13: Disposal considerations**

|                                      |  |
|--------------------------------------|--|
| 13.1 Waste treatment Recommendations | This material must be disposed of in accordance with all local, state, provincial and federal regulations. The generation of waste should be avoided or minimized wherever possible. |
|--------------------------------------|--|

## **Section 14: Transport information**

|                                    |   |
|------------------------------------|---|
| Department of Transportation (DOT) | In accordance with DOT  |
| Not regulated for transport.       |   |
| Other information                  | No supplementary information available                                    |
| Special transport precautions      | No not handle until all safety precautions have been read and understood. |

## **Section 15: Regulatory information**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

## **Section 16: Other information**

|                    |          |
|--------------------|----------|
| Date of issue:     | 02/09/20 |
| Other information: | None.    |

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