



AlphaThera, Inc.  
oYo-Capture™ Magnetic Beads

**SAFETY DATA SHEET**

According to the (US) Hazard Communication Standard (29 CFR  
1910.1200) *Revision Date September 4 2023 Version 1.1*

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**Section 1: Product Identification**

**1.1 Product Identifiers**

*Product Name* oYo-Link™ Capture Magnetic Beads  
*Product Catalog #* AT8101

**1.2 International Product Classification Harmonized Code (HS Code)**

*Harmonized Tariff Number* 382219

Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, whether or not put up in the form of kits (excl. for malaria, for Zika and other diseases transmitted by mosquitoes of the genus Aedes, for blood-grouping, and goods of 3006)

**1.3 Recommended use of the chemical and restrictions on use**

*Identified uses:* For research purposes only.

**1.4 Supplier Details**

*Company* AlphaThera, Inc.  
  
*Address* 3401 Grays Ferry Avenue  
Building 250  
Philadelphia, PA 19146-2701  
  
*Email* [support@alphathera.com](mailto:support@alphathera.com)

**1.5 Emergency phone number & contact**

In the event of a chemical emergency, please dial 911 in the US or your country's emergency telephone number.

## Section 2: Hazard(s) Identification

### **GHS Classification of the substance or mixture**

The substance is not classified, according to the Globally Harmonized System (GHS).

### **Label elements**

**GHS label elements** None

**Hazard pictograms** None

**Signal word** None

**Hazard statements** None

### **Classification system:**

#### **NFPA ratings (scale 0 - 4)**

Health=0

Fire = 0

Reactivity = 0

#### **HMIS ratings (scale 0-4)**

Health=0

Fire = 0

Reactivity = 0

### **Other hazards**

#### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## Section 3: Composition/Information on Ingredients:

This product does not contain substances at concentrations requiring disclosure under 29 CFR 1910.1200 (OSHA Hazard Communication Standard).

## Section 4: First Aid Measures

### **Description of first-aid measures**

*General information:*

*No special measures required.*

*If inhaled*

Get fresh air. Get medical attention if symptoms occur.

*Skin contact*

Wash skin with soap and water.

*Eye contact*

Hold eyelids apart and flush eyes with water for at least 15 min. Remove contact lenses after rinsing eyes with water for several minutes if easy to accomplish. Get medical attention if symptoms occur.

*Ingestion*

Rinse mouth with water and afterwards drink plenty of water.

*Information for doctor:*

**Most important symptoms and effects, both acute and delayed**

None.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## Section 5: Firefighting Measures

### **Extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Special hazards arising from the substance or mixture**

No further relevant information available.

### **Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **Further information**

No information available

## Section 6: Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures:**

Advice for non-emergency personnel: Avoid inhalation. Use personal protective equipment. Avoid substance contact with skin, eyes and clothing.

Advice for emergency responders: Protective equipment see section 8.

### **Environmental precautions**

Prevent the material from entering drains or water courses.

### **Methods and materials for containment and cleaning up**

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material and collect in a suitable container for disposal. Dispose of contaminated materials following applicable regulations.

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

### **Instructions for Safe Handling**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

### **Conditions for Safe Storage**

Keep containers tightly closed in a 4°C fridge.

## **Section 8: Exposure Controls/Personal Protection**

### **Exposure limit(s)**

Contains no substances with occupational exposure limit values.

### **Engineering measures**

Showers, eyewash stations, and adequate ventilation.

### **Individual protection measures**

*Hygiene measures:* Follow general industrial hygiene practice. Wash hands thoroughly before work breaks and at the end of workday.

*Eye/face protection:* Wear safety glasses tested and approved by local authorities.

*Hand protection:* Chemical-resistant, impervious gloves.

*Other protective equipment:* Long-sleeved, lightweight, protective clothing.

*Respiratory protection:* None under normal use conditions.

## **Section 9: Physical and Chemical Properties**

Physical state: Liquid / Slurry

Color: Brown

Odor: No strong odor known.

Odor Threshold: No information available.

pH: 7.3

Melting point : No information available.

Boiling point: No information available.

Flash point: No information available.

Evaporation rate: No information available.

Flammability (solid, gas): No information available.

Lower explosion limit: No information available.

Upper explosion limit No information available.  
Vapor pressure: No information available.  
Relative vapor density: No information available.  
Relative density: No information available.  
Water solubility: No information available.  
Autoignition temperature: No information available.  
Decomposition temperature: No information available.  
Viscosity, dynamic: No information available.  
Explosive properties: No information available.

## Section 10: Stability and Reactivity

### *Reactivity*

No data available

### *Chemical stability*

Stable under recommended storage conditions.

### *Possibility of hazardous reactions*

No information available.

### *Conditions to avoid*

Temperatures above 37°C.

### *Incompatible materials*

None known based on information supplied.

### *Hazardous decomposition products*

Under normal conditions, no data available.

In the event of fire, oxides of phosphorus, hydrogen chloride gas, potassium oxides, sodium oxides. See Section 5.

## Section 11: Toxicological Information

### **Information on toxicological effects**

This material should only be handled by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals. It should be borne in mind that the toxicological and physiological properties of this compound is not well defined.

#### *Skin corrosion/irritation*

May cause skin irritation

#### *Serious eye damage/eye irritation*

May be irritating to eyes

#### *Respiratory or skin sensitization*

No data available

#### *Specific target organ systemic toxicity - single exposure*

No data available

*Specific target organ systemic toxicity - repeated exposure*

No data available

*Aspiration hazard*

No data available

*Mutagenic effects*

No data available

*Carcinogenicity*

*IARC* - No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

*NTP*: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

*OSHA*: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

*ACGIH*: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

*Reproductive toxicity*

No data available

## Section 12: Ecological Information:

*Ecotoxicity*

0% of the mixture consists of components of unknown hazards to the aquatic environment

*Persistence and degradability*

No data available.

*Bioaccumulative potential*

No data available.

*Mobility in soil*

No data available.

## Section 13: Disposal Considerations

The information presented in this document only applies to the material as supplied. The hazard identification of this product based on characteristics or listings within this document may not apply if the material has been used or otherwise contaminated.

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable

regional, national and local laws and regulations.

## Section 14: Transport Information

### **Land transport (DOT)**

Not classified as dangerous in the meaning of transport regulations.

### **Air transport (IATA)**

Not classified as dangerous in the meaning of transport regulations.

### **Sea transport (IMDG)**

Not classified as dangerous in the meaning of transport regulations.

## Section 15: Regulatory Information

### *Canadian Workplace Hazardous Materials Information System (WHMIS) Classification*

This product does not meet the criteria for classification under the Hazardous Products Act.

### *SARA 302*

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### *SARA 313*

This material does not contain any chemicals which are subject to the reporting requirements of SARA Title III, Section 313.

### *SARA 311/312 Hazards*

Acute Health Hazard: No  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No

### *Clean Water Act*

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### *California Proposition 65*

This product does not contain any Proposition 65 chemicals.

## Section 16: Other Information

**Training advice:** Please read the product instruction manual before use and adequately train all end-users

**DISCLAIMER:** This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.