

# SAFETY DATA SHEET

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product Name** myBaits® Expert Human Affinities Kit

<u>myBaits Box A</u>	<u>16Rxn</u>	<u>48 Rxn</u>	<u>96 Rxn</u>
myBaits HA Beads	1070 uL	3200 uL	6400 uL
myBaits HA BB 2X	12 mL	36 mL	72 mL
myBaits HA WB1	5.5 mL	16.5 mL	33 mL
myBaits HA WB2	17 mL	51 mL	102 mL
myBaits HA WB3	5.5 mL	16.5 mL	33 mL
 <u>myBaits Box B</u>			
myBaits HA Hyb D	125 uL	375 uL	750 uL
myBaits HA Buffer E	1070 uL	3200 uL	6400 uL
myBaits HA Block C	90 uL	270 uL	540 uL
myBaits HA Block O	90 uL	270 uL	540 uL
myBaits HA Block X	18 uL	54 uL	108 uL
myBaits HA Probes	112 uL	336 uL	672 uL

**Product Number** Cat# 351XXX, 352XXX, 353XXX

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** For research use only  
**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet

**Supplier Address** Daicel Arbor Biosciences  
5840 Interface Drive, Suite 101  
Ann Arbor, MI 48103  
USA  
**Email** [info@arbor.daicel.com](mailto:info@arbor.daicel.com)  
**Phone** + 1 (734) 998-0751

### 1.4. Emergency telephone number

**Emergency Phone Number** +1 (800) 222-1222 (American Association of Poison Control Centers)  
Available 24 hours everyday

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

There is no harmonized classification and there are no notified hazards by manufacturers, importers or downstream users for this product.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical name	EC No	CAS No	Weight%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH STATUS
<b>Component – myBaits HA Beads</b>					
Sodium azide	247-852-1	26628-22-8	<0.1	Acute Tox 2; (H300) Aquatic Acute 1; (H400) Aquatic Chronic 1; (H410)	Registered

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General Advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

**Inhalation** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

**Skin Contact** Rinse with plenty of water. Immediate medical attention is not required.

**Ingestion** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician** Treat symptomatically.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use an extinguishing agent suitable for the surrounding fire. Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

### 5.2. Special hazards arising from the substance or mixture

**Specific Hazards Arising from the Chemical** None known

### **5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

Ensure adequate ventilation. Use personal protective equipment

**For emergency responders**

Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental Precautions**

No special environmental precautions required.

### **6.3. Methods and material for containment and cleaning up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**

Soak up with inert absorbent material.

### **6.4. Reference to other sections**

**Reference to other sections**

See section 8 for more information. See section 13 for more information.

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage Temperature**

Refer to Product Data Sheet for specific information.

**Storage Conditions**

Keep/store only in original container. Keep tightly closed in a dry and cool place.

**Incompatible Materials**

None known based on information supplied.

### **7.3. Specific end use(s)**

**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

**Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)**

No information available.

**Predicted No Effect Concentration (PNEC)**

No information available.

## **8.2. Exposure controls**

### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas.  
Ensure that eyewash stations are close to the workstation location.  
Ensure that showers are close to the workstation location.

### **Personal protective equipment (PPE)**

Eye/face Protection

Tight sealing safety goggles.

Skin and Body Protection

Wear suitable protective clothing and chemical-resistant gloves.

Respiratory Protection

Use in well ventilated areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

Physical State    Liquid  
Appearance       Clear  
Oder                Odorless

#### **Property**

#### **Values**

#### **Remarks / Method**

pH

6 to 8

myBaits HA Beads  
myBaits HA Hyb D  
myBaits Buffer E  
myBaits Block C  
myBaits Block O  
myBaits Block X  
myBaits HA BB 2x  
myBaits HA WB1  
myBaits HA WB2  
myBaits HA WB3  
myBaits HA Probes

8.5

No data available

Melting Point/Freezing Point

No information available

Boiling Point/Boiling Range

Not applicable

Flash Point

Not applicable

Evaporation Rate

No information available

Flammability (solid, gas)

Not applicable

Flammability Limit in Air

Not applicable

    Upper Flammability Limit

Not applicable

    Lower Flammability Limit

Not applicable

Vapor Pressure

No information available

Vapor Density

No information available

Relative Density

No information available

Specific Gravity

No information available

Water solubility

No information available

Solubility in Other Solvents

No information available

Partition Coefficient

No information available

Autoignition Temperature

-

Product is not self-igniting

Decomposition Temperature

No information available

Kinematic Viscosity

No information available

Dynamic Viscosity

No information available

Explosive Properties

-

Not explosive

Oxidizing Properties - Not oxidizing

**9.2. Other information**

Softening Point No information available  
Molecular Weight  
VOC Content (%)  
Density  
Bulk Density No information available

**Section 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

**Reactivity** No data available.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Possibility of Hazardous Reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to Avoid** None under normal use.

**10.5. Incompatible materials**

**Incompatible Materials** No data available

**10.6. Hazardous decomposition products**

**Hazardous Decomposition Products** None known

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Product Information**

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

**Information on toxicological effects**

Inhalation Conclusive but not sufficient for classification.

Eye Contact Conclusive but not sufficient for classification.

Skin Contact Conclusive but not sufficient for classification.

Ingestion Conclusive but not sufficient for classification.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Skin Corrosion/Irritation Conclusive but not sufficient for classification

Serious Eye Damage/Eye Irritation Conclusive but not sufficient for classification

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Respiratory or skin sensitization	Conclusive but not sufficient for classification
Germ Cell Mutagenicity	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Reproductive Toxicity	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Aspiration Hazard	Conclusive but not sufficient for classification

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity (aquatic and terrestrial)** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

### 12.2. Persistence and degradability

**Persistence and Degradability** No information available

### 12.3. Bioaccumulative potential

**Bioaccumulative Potential** Low to no potential

### 12.4. Mobility in soil

**Mobility in Soil** No information available

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** No information available

### 12.6. Other adverse effects

**Other Adverse Effects** *Ozone depletion potential (ODP)*  
No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Relevant Information** Keep out of drains, sewers, ditches and waterways.

**Disposal Considerations** Use a licensed professional waste disposal service to dispose of this product. Product may be dissolved in a combustible solvent or absorbed onto a combustible material and burned by a chemical incinerator.

**Contaminated Packaging** Empty containers must be triple rinsed prior to disposal.

## Section 14: TRANSPORT INFORMATION

### IMDG

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable

14.6 Special Provisions None

**RID**

14.1 UN/ID no Not regulated  
14.2 Proper shipping name Not regulated  
14.3 Hazard Class Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental hazard Not applicable  
14.6 Special Provisions None

**ADR**

14.1 UN/ID no Not regulated  
14.2 Proper shipping name Not regulated  
14.3 Hazard Class Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental hazard Not applicable  
14.6 Special Provisions None

**IATA**

**Not regulated**  
14.1 UN/ID no Not regulated  
14.2 Proper shipping name Not regulated  
14.3 Hazard Class Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental hazard Not applicable  
14.6 Special Provisions None

**Section 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants** Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009** Not applicable

**International Inventories**

TSCA Complies  
DSL Complies  
NDSL Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**15.2. Chemical safety assessment**

