SAFETY DATA SHEET

Revised March 16, 2021

1. COMPANY AND PRODUCT INFORMATION

Product Name myBaits® Expert Human Affinities Kit

myBaits Box A	16Rxn	48 Rxn	96 Rxn
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
myBaits Box B			
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 Code	Cat# 351XXX, 352XXX, 353XXX
Recommended Usage	For research use only. Not intended for human or animal diagnostic or therapeutic uses.
Company Information	Daicel Arbor Biosciences 5840 Interface Drive, Suite 101 Ann Arbor, MI 48103 USA
Company Email	info@arbor.daicel.com
Company Phone	+1 (734) 998-0751
Emergency Phone	Chemtrec US: (800) 424-9300 Chemtrec EU: (202) 483-7616

2. HAZARDS IDENTIFICATION

Emergency Overview - Use prudent laboratory practices for handling chemical substances.

Classification
Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements
None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight%
Component – myBaits HA Beads		
Sodium azide	26628-22-8	<0.1

There are no additional 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.

4. FIRST AID MEASURES

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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire. Water spray. Carbon dioxide (CO2). Foam. Dry chemical.

Special protective equipment Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: No special environmental precautions required.

Methods for cleaning up: Soak up with inert absorbent material.

7. HANDLING & STORAGE

Handling	Always wear appropriate personal protective equipment (see Section 8). No special handing advices are necessary.
Storage	Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.
Specific end use(s)	For research use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	No OSHA PEL, OSHA PEL (Ceiling), ACGIH OEL (TWA), ACGIH OEL (STEL) limits.
Engineering measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	Requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment
Hand protection	Compatible chemical-resistant gloves
Eye protection	Tight sealing safety goggles
Skin and body protection	Wear suitable protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure Controls	No special environmental precautions required

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM Liquid

APPEARANCE Liquid

pH 6 to 8
- myBaits HA Beads
- myBaits HA Hyb D

8.5
- myBaits Buffer E

No data available
- myBaits Block C
- myBaits Block O
- myBaits Block X
- myBaits HA BB 2x
- myBaits HA WB1

Flash Point	No data available
Autoignition Temperature	No data available
Flammable Limits	No data available
Color	No data available
Odor	No data available
Boiling Point/Range	No data available
Melting Point/Range	No data available
Volatility	No data available
Viscosity	No data available
Water Solubility	Soluble
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Materials To Avoid	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	None under normal use
Hazardous Decomposition Products	None under normal use
Possibility of Hazardous Reactions	None under normal use
Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Emergency Overview There is no evidence available indicating acute toxicity.

Acute Toxicity Product/Ingredient Name	Result	Species	Dose	Exposure
myBaits HA Beads				
Sodium azide	LD50 Oral	Rat	27 mg/kg	-

Irritation/Corrosion	Conclusive but not sufficient for classification
Other Adverse Symptoms	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
Carcinogenic Effect	Conclusive but not sufficient for classification
Target Organ Effects	Conclusive but not sufficient for classification

Mutagenic Effects	Conclusive but not sufficient for classification
Teratogenic Effects	Conclusive but not sufficient for classification
Reproductive Toxicity	Conclusive but not sufficient for classification
Chronic Toxicity	Conclusive but not sufficient for classification

12. ECOLOGICAL INFORMATION

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Other Adverse Effects	No known significant effects or critical hazards
Biodegradation	No data available
Bioaccumulation	Low to no potential

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Empty containers retain product residue and can be hazardous. Do not reuse container.

The information presented in this document only applies to the material as supplied. The identification based on characteristic(s) or listing 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.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. TRANSPORTATION INFORMATION

DOT Proper shipping name: None
Non-hazardous for transport: This kit is considered to be non-hazardous for transport.

IATA Non-hazardous for air transport: This kit is considered to be non-hazardous for transport.

Hazard class - none

Subsidiary class - none

Packing group - none

UN/ID no. – none

15. REGULATORY INFORMATION

This product is for research use only.

International Inventories

TSCA	Listed
DSL/NDSL	Listed DSL
EINECS/ELINCS	Registered/Pre-registered/NLP
ENCS	Listed
IECSC	Listed
KECL	Listed
PICCS	Listed
AICS	Listed
NZICS	Listed
TCSI	Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZICS - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

U.S. Federal regulations

SARA 313
This product is not regulated by SARA.
Sodium azide; CAS-No 26628-22-8; Weight % <0.1; Threshold Values 1.0

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) 40 CFR 61
This product does not contain HAPs

US State Regulations

California Prop. 65 None of the components are listed.

16. OTHER INFORMATION

FOR RESEARCH USE ONLY.
FOR IN VITRO USE ONLY.
NOT FOR USE IN HUMAN OR ANIMALS.
NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Revised: March 16, 2021

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