**SAFETY DATA SHEET**

Date Created 01/04/2024

Version 01

**Section 1-Identification of the substance/mixture and of the company/undertaking**

**1.1 Identification of the substance or mixture**

Product code :

Product name : Anti-GFP\_Affinity beads

**1.2 Company/undertaking identification**

Biortus: Manufacture of substances

**1.3 24 hour Emergency Response:**

Telephone : (781)201-9739

E-mail address : info@wuxibiortus.com

Web [:](http://www.genscript.com/)  <https://www.wuxibiortus.com/>

**1.4 For Research Use Only. Not for use in diagnostic procedures.**

**Section 2- Hazards identification**

**2.1 GHS - Classification Signal Word**

None

**Health hazards**

Not classified **Physical hazards**

Not classified **Hazard Statements**

Not Applicable **Precautionary Statements**

Not Applicable

**2.2 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.

**2.3 Specific effects Carcinogenic effects** None.

**Mutagenic effects** None. **Reproductive toxicity**

None. **Sensitization**

none

 **Target Organ Effects** No known effects under normal use conditions.

**2.4 HMIS**

Health 0Flammability 0

Reactivity 0

**Section 3- Composition/information on ingredients**

**Chemical Name CAS-No EINECS-No Weight %**

Sodium azide 26628-22-8 247-852-1 0.1%

Classification: Sodium azide <0.1%. Not hazardous at this concentration. The classification was made according

to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Section 4- First aid measures**

**4.1 Skin contact**

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

**4.2 Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**4.3 Ingestion**

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

seek medical advice.

**4.4 Inhalation**

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a

physician if necessary.

**4.4 Notes to Physician**

Treat symptomatically.

**Section 5- Firefighting measures**

**5.1 Suitable extinguishing media**

Water spray. Carbon dioxide (CO2). Foam. Dry chemical.

**5.2 Special protective equipment for firefighters**

Standard procedure for chemical fires.

**Section 6- Accidental release measures**

**6.1 Personal precautions**

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

**6.2 Methods for cleaning up**

Soak up with inert absorbent material.

**6.3 Environmental precautions**

No special environmental precautions required.

**Section 7- Handling and storage**

**7.1 Handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

**7.2 Storage**

Store at 2-8 °C.

**Section 8- Exposure controls/personal protection**

**8.1 Exposure Limits**

We are not aware of any national exposure limit.

**8.2 Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**8.3 Personal Protective Equipment**

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are

specific

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection**

Impervious gloves.

**Eye protection**

Wear safety glasses with side shields (or goggles).

**Skin and Body Protection**

Lightweight protective clothing.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

8.4 **Environmental exposure controls**

No special environmental precautions required.

**Section 9- Physical and chemical properties**

**9.1 General information**

Form Slurry

Appearance No data available

Odor No data available

Odor Threshold No data available

Boiling point / boiling range No data available

Melting point / melting range No data available

flash point: No data available

Autoignition Temperature No data available

Oxidizing properties No data available

Water solubility No data available

**Section 10- Stability condition**

**10.1 Stability**

The product is stable for at least one year if stored at 2-8 °C.

**10.2 Materials to avoid**

No dangerous reaction known under conditions of normal use.

**10.3 Hazardous decomposition**

None under normal use conditions.

**10.4 Products polymerization**

Hazardous polymerization does not occur.

**Section 11-Toxicological information**

**11.1 Acute Toxicity**

No toxicology information is available.

**11.2 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**

**12.1 Ecotoxicity** Contains no substances known to be hazardous to the

environment or not degradable in waste water treatment

plants.

**12.2 Mobility** No information available.

**12.3 Biodegradation** Inherently biodegradable.

**12.4 Bioaccumulation** Material does not bioaccumulate.

**Section 13- Disposal considerations**

Dispose of contents/containers in accordance with local regulations.

**Section 14- Transport information**

**14.1 IATA**

**Proper Shipping Name** No dangerous good in sense of these transport regulations

**Hazard Class** None

**Subsidiary class** None

**Packing group** None

**UN-No** None

**Section 15- Regulatory information**

**15.1 US Federal Regulations**

**SARA 313**

This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contains HAPs.

**15.2 US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**15.3 WHMIS Hazard Class**

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the

MSDS contains all the information required by the CPR.

**Section 16- Other information**

**16.1 Reason for revision**

SDS sections updated.

For laboratory research use only. Not for use in diagnostic procedures.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on

prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be

used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held

liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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