

# SAFETY DATA SHEET

(in accordance with COMMISSION REGULATION (EU) No 830/2015)

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product name: gp64-PE Antibody

Product Number: 97-201

Chemical Name: Not Applicable

REACH registration number: No registration number is given yet for this substance/substances in this mixture as the annual import quantity is less than one tonnage per annum or the transition period for its registration according to Article 23 of REACH has not yet expired

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

Identified uses: For laboratory use. Not for human or animal therapeutic or clinical diagnostic use.

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

Company: Expression Systems, LLC  
2537 Second Street  
Davis, California, 95618  
USA

Telephone: +1 877-877-7421  
+1 530-747-2035

Fax: +1 530-747-2034

Emergency Phone: +1 530-747-2035 Hours of operation: 16:00-01:00 UTC/08:00-17:00 PST (UTC-8)

## SECTION 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

WARNING- Hazardous. Harmful if swallowed.

### 2.2 GHS label elements

#### Hazard Pictograms:



#### Potential Health Effects:

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May be harmful if inhaled.

Ingestion: Harmful if swallowed. Do not induce vomiting. Obtain emergency medical attention and call a point control center.

### 2.3 Other hazards- None

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance Name:** Sodium Azide

**3.2 Mixture name:**

**CAS Number:** 26628-22-8

**ENEICS:** 247-852-1

**Concentration by weight:** <0.1%

**Ingredients:** The above ingredients are components classified as hazardous based on physical properties and health effects. Other ingredients are withheld as a trade secret, but are available to health professionals, ES employees and designated representatives in accordance with applicable provisions of 29 CFR 1910. 1200(i)(1)(iv).

### SECTION 4 – FIRST AID MEASURES

**4.1 Description of first aid measures**

**Skin Contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and plenty of water. Call physician.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If breathing is stopped, give artificial respiration.

**Ingestion:** Rinse mouth with water. Call physician immediately.

**Eye Exposure:** Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check and remove contact lenses. Seek medical advice.

**Notes to physician:** Treat symptomatically.

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

None

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

None

### SECTION 5 – FIREFIGHTING MEASURES

**5.1 Extinguishing Media**

**Suitable extinguishing media:** Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**5.2 Special hazards arising from the substance or mixture:** No data

**5.3 Advice for Firefighters**

**Auto Ignition Temperature:** Not Applicable

**Protection for Firefighters:** Appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Emits toxic fumes under fire conditions.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Prevent contact with skin or eyes (see section 8.)

**6.2 Environmental precautions**

No special environmental precautions required.

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

Ventilate area and wash spill site after material pickup is complete. Soak up with inert absorbent material and place in closed containers for disposal.

#### 6.4 Reference to other sections

For disposal, see section 13.

### SECTION 7 – HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid exposure. Avoid inhalation and contact with eyes, skin and clothing.

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

Store in properly labeled containers. Avoid prolonged exposure to light and do not freeze.

#### 7.3 Specific end use(s)

No uses other than those specified in section 1.2.

### SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

#### 8.1 Exposure Controls

**Engineering Controls:** Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment (PPE):**

**Eye Protection:** Avoid contact with eyes. Wear safety glasses with side shields.

**Skin Protection:** Prevent contact with the skin as much as possible. Wear protective rubber gloves and lab coat.

**Respiratory Protection:** Use respirators and components tested and approved under appropriate government standards..

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance:** Liquid

**pH:** Not established

**Odor:** No data available

**Melting/Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** No data available

**Evaporation rate:** No data available

**Flammability (solid, gas):** 0

**Upper/lower flammability  
or explosive limits** N/A

**Auto-ignition Temperature:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Oxidizing Properties:** No information available

**Water Solubility:** No data available

**Decomposition temp:** No information available

**Viscosity:** Not established

**Explosive properties:** No data available

#### 9.2 Other safety information

## SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Chemical stability:** Stable under normal conditions
- 10.2 Possibility of hazardous reactions:** Hazardous reaction has not been reported
- 10.3 Conditions to avoid:** No information available
- 10.4 Incompatible materials:** Lead, copper and other metals will form highly explosive metal azides. Strong acids and strong bases.
- 10.5 Hazardous decomposition products:** None

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Likely routes of exposure:** Inhalation, eye and skin contact, ingestion

**Acute toxicity and effects:**

- Inhalation:** May be harmful if inhaled
- Eye contact:** May cause eye irritation
- Skin contact:** May cause skin irritation
- Ingestion:** May be harmful if swallowed. 5mg/kg

**Specific effects:**

- Carcinogenic:** No information available
- Mutagenic:** No information available
- Teratogenic/Reproductive:** No information available
- Sensitization:** No information available
- Target organ effects:** No information available.
- Chronic (long-term) effects:** No known effect based on information supplied

## SECTION 12 – ECOLOGICAL INFORMATION

- 12.1 Toxicity:** No information available
- 12.2 Persistence and degradability:** No information available
- 12.3 Bioaccumulation:** No information available
- 12.4 Mobility in soil:** No information available
- 12.5 Results of PBT and vPvB assessment:** No information available
- 12.6 Other adverse effects:** No information available

## SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

**SECTION 14 – TRANSPORT INFORMATION**

- 14.1 UN/NA Number:** Not Applicable
- 14.2 UN/NA proper shipping name:** Not Applicable
- 14.3 Transport Hazard Class:** This substance is considered to be non-hazardous for transport.  
**IATA:** Not hazardous goods  
**DOT (US):** Not hazardous goods  
**IMDG:** Not hazardous goods

**SECTION 15 – REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****United States Regulatory Information:**

- SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
- SARA 311/312 hazards:** No SARA hazards
- SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimus) reporting levels established by SARA Title III, Section 313.
- Clean Air Act, Sec. 112 Hazardous Air Pollutants (HAPs):** This product does not contain HAPs
- California Proposition 65 Components:** This product does not contain chemicals listed under Proposition 65.
- WHMIS Hazard Class:** Non-controlled
- Massachusetts Right to Know Components:** This product does not contain chemicals on the Massachusetts Right to Know List
- New Jersey Right to Know Components:** This product does not contain chemicals on the New Jersey Right to Know List
- Pennsylvania Right to Components:** This product does not contain chemicals on the Pennsylvania Right to Know List.

**SECTION 16 – OTHER INFORMATION****HMIS Rating**

Health hazard: 1  
Chronic health hazard: 0  
Flammability: 0  
Physical hazard: 0

**NFPA Rating**

Health: 1  
Flammability: 0  
Reactivity: 0

**Issuing Date:** Oct 2012

**Reissue date/reason for reissue:** Sep 2023/Update format for compliance to Regulation (EU) 830/2015 and Regulation (EU) 453/2010.

**Intended use of product:** Material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use.

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