

GHS SAFETY DATA SHEET

gp64-PE Antibody

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: gp64-PE Antibody
Manufacturer: Expression Systems, LLC
2537 Second Street
Davis, CA 95618
Tel. 1-530-747-2035
Fax 1-530-747-2034

Product Use: For research and development purposes only.
Not for any human or animal therapeutic or clinical diagnostic use.

Product Number: 97-201

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification:

Physical State: Liquid

Classification: WARNING- Hazardous. Harmful if swallowed.

GHS Label:



HMIS Rating: Health: 1 Flammability: 0 Reactivity: 0

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 poison control center.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name: Sodium Azide

CAS Number: 26628-22-8 **ENEICS:** 247-852-1 **Concentration by weight:** <0.1%

SARA 313: No

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

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 15 minutes, occasionally lifting the upper and lower eyelids. Check and remove contact lenses. Call physician.

Notes to physician: Treat symptomatically.

SECTION 5 – FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

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

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

Methods for 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.

SECTION 7 – HANDLING AND STORAGE

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

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

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

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

Appearance: Liquid

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Hazardous decomposition products: None

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible Materials: Lead, copper and other metals will form highly explosive metal azides. Strong acids and strong bases.

Hazardous polymerization: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

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. 5 mg/kg

Signs and symptoms of exposure: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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

Eco-toxicity: No information available

Degradability: No information available

Bioaccumulation: No information available

SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

DOT:

Proper shipping name: None

Hazard Class: This substance is considered to be non-hazardous for transport.

IATA:

Proper shipping name: None

Hazard Class: This substance is considered to be non-hazardous for transport.

SECTION 15 – REGULATORY INFORMATION

United States Regulatory Information:

SARA Listed: No

SECTION 16 – OTHER INFORMATION

Issuing Date: Oct 2012

Reissue date/reason for reissue: Feb 2017/Updated company logo.

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.

Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. It does not purport to be all inclusive and shall be used only as a guide for safe handling, use, processing, storage, transportation, disposal and release of the product. This is not considered as a warranty or quality specification. Expression Systems shall not be held liable for any damage resulting from the handling or from contact with the above product.