

## Safety Data Sheet

### Kit summary

Regarding components comprised in the vial, the following product is defined as hazardous chemical according to the Regulation (EC) N° 1272/2008.

Component	EC-No	CAS-No	% weight	Classification (pure ingredient)	Hazard Statements
Sodium Azide $\text{NaN}_3$	247-852-1	26628-22-8	0.09-0.1%	GHS06 GHS09	H300 Cat 2 H310 Cat 1 H410 Cat 1 EUH032

### Section 1 – Identification

Product Identification: **Monoclonal Antibody Biotin conjugated**

Product Code: **Cat- n° 852.xxx.xxx / 853.xxx.xxx / 854.xxx.xxx / 857.xxx.xxx/879.xxx.002**

Product Application: **For Research Use Only**

Manufacturer:

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### Section 2 – Hazard Identification

#### 2.1 Classification

This product is not classified according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

### Section 3 –Composition / Information on Ingredients

Component	Contains	Identification	Classification (pure ingredient)	Hazard Statements	%
Monoclonal Antibody	Sodium Azide NaN <sub>3</sub>	CAS : 26628-22-8 EC : 247-852-1 REACH : 01-2119457019-37-0000	GHS06 GHS09	H300 Cat 2 H310 Cat 1 H410 Cat 1 EUH 032	0.09- 0.1%

BSA Bovine Serum Albumin from a certified BSE (Bovine Spongiform Encephalopathy)-free source is comprised in the kit.

### Section 4 - First Aid Measures

**General information:** Consult a doctor if necessary and provide this SDS.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Rinse with water and soap but generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After ingestion:** If symptoms persist consult doctor. Do NOT induce vomiting.

**Most important symptoms or effects:** No available data.

### Section 5 – Fire Fighting Measures

**Suitable extinguishing agents:** CO<sub>2</sub>, or powder. Fight larger fires with water spray or alcohol resistant foam.

**Specific hazards due to combustion products:** Do not breathe fumes.

**Protective equipment:** No special measures required.

### Section 6 – Accidental Release Measures

**Person-related safety precautions:** Wear appropriate PPE.

**Measures for environmental protections:** Do not allow to enter sewers / surface or ground water.

**Measures for cleaning / collecting:** Dilute with plenty of water and absorb with wipe dry.

### Section 7 – Handling and storage

#### 7.1 Handling

**Information for safe handling:** Avoid breathing dust, vapour, mist or gas. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Use with adequate ventilation.

Follow standard laboratories practices.

**Information about fire - and explosion protection:** The product listed in this SDS contains sodium azide, a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, concentration build-ups of sodium azide may react with lead and copper plumbing to form highly explosive metal oxides. Flush with large volumes of water to prevent azide build-up in plumbing.

#### 7.2 Storage

**Requirement to be met by storerooms and receptacles:** Store in a cool, dry, well ventilated area away from incompatible substances. Keep away from metal.

**Storage class:** Store product and all components at 2-8°C.

## Section 8 – Exposure Controls / Personal Protection

### 8.1 Control of exposition

The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

### 8.2 Personal protective equipment

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** Protective gloves.

**Eye Protection:** Goggles recommended during refilling.

### 8.3 Environmental exposure controls

Not available.

## Section 9 - Physical and Chemical Properties

**Form:** Liquid

**Colour:** Colourless

**Odour:** Odourless

**pH:** N/A

**Melting point/Melting range:** N/A

**Boiling point/Boiling range:** N/A

**Flash point:** N/A

**Evaporation rate:** N/A

**Autoignition temperature:** N/A

**Danger of explosion:** Product does not present an explosion hazard

**Density:** N/A

**Viscosity:** N/A

**Solubility in / Miscibility with water:** Fully miscible

## Section 10 - Stability and Reactivity

### 10.1 Reactivity

No available data

### 10.2 Chemical stability

**Thermal decomposition:** No decomposition if used according to specifications.

### 10.3 Others

**Hazardous reactions:** Toxic fumes when contact with acid.

**Incompatibilities:** acid, metal, acid chloride.

**Hazardous decomposition products:** None known.

## Section 11 - Toxicological Information

**Route of entry:** Skin Contact, Eye Contact, Inhalation, Ingestion.

**Effects of acute exposure to Product:** May be harmful if inhaled, swallowed or absorbed through the skin.

**Effects of chronic exposure to Product:** No sensitizing effects known.

**Exposure Limits:** Not available

**Irritancy:** Not available

**Sensitization to Product:** Not available

**Carcinogenicity:** IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Teratogenicity:** Not available

**Reproductive Toxicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

## Section 12 – Ecological Information

**Toxicity:** Hazardous for aquatic life

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Not available

**Results of PBT and vPvB:** Not available

**Others harmful effects:** Hazardous for water

## Section 13 – Disposal Considerations

**Waste disposal:** dispose of in accordance with local official environmental regulations.

## Section 14 – Transport Information

**Special shipping information:** Does not need to be shipped as hazardous.

## Section 15 – Regulatory Information

Labelling in accordance with EC directives

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EC Directives.

## Section 16 – Other Information

This information is prepared on our present and best knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Full text of any Hazard statements under Section 3:**

H300: Fatal if swallowed

H310: Fatal in contact with skin

H410: Very toxic to aquatic life with long lasting effects

EUH032: Contact with acids liberates very toxic gas

### **Abbreviations:**

CAS: Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

IARC: International Agency for Research on Cancer

PBT: Persistent, Bio accumulative, Toxic

vPvB: very Persistent, very Bio accumulative.

REACH: Registration, Evaluation, Authorization and restriction of Chemicals

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. DIACLONE SAS shall not be liable for any damages resulting from handling or from contact with the above products.