

## Safety Data Sheet

### Kit summary

Following components used as mixtures in the kit are 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	247-852-1	26628-22-8	0.09%	GHS06 GHS09	H300 Cat 2 H310 Cat 1 H410 Cat 1 EUH032

Other chemicals contained within these products do not meet definition of a hazardous chemical according to the Regulation (EC) N° 1272/2008.

### Section 1 – Identification

Product Identification: **DIApIex kits**

Product Code: **Cat- n° 880 xxx.xxx/ 890 xxx.xxx/**

Product Application: **For Research Use Only**

Manufacturer:

**DIACLONE SAS**

6, rue Dr Jean-François-Xavier GIROD, BP 1985

F-25020 Besançon

France

Tel: +33 3 81 41 38 38

Fax: +33 3 81 41 36 36

e-mail: [info@diaclone.com](mailto:info@diaclone.com)

[www.diaclone.com](http://www.diaclone.com)

### 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	CAS Number	EC Number	Classification (pure ingredient)	Hazard Statements	%
Beads	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Biotinylated Antibody	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Standards	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Streptavidin-PE	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Assay Buffer 10X	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Wash Buffer 10X	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
PBS10X	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %
Serum Sample Buffer	NaN <sub>3</sub>	26628-22-8	247-852-1	GHS06 GHS09	H300 Cat.2 H310 Cat.1 H410 Cat.1 EUH032	0.09 %

For the full text of the H-Statements mentioned in this Section, see Section 16

#### Additional information

The data and advice relate to the concentrations not of the lyophilized powder, but of the prepared solution.

### 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>, powder or water spray.

**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.

**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 explosion.

### 7.2 Storage

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

**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

## Section 9 - Physical and Chemical Properties

**Form:** Liquid

**Colour:**

Components	Ingredients	Colour
Bead	NaN <sub>3</sub> (0.09%)	Colourless
Biotinylated Antibody	NaN <sub>3</sub> (0.09%)	Colourless
Streptavidin-PE	NaN <sub>3</sub> (0.09%)	Pink
Assay Buffer 10X	NaN <sub>3</sub> (0.09%)	Light yellow
Wash Buffer 10X	-	Light yellow
PBS 10X	-	Colourless
Serum sample buffer	NaN <sub>3</sub> (0.09%)	Light yellow

**Odour:** Odourless

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

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

**Flash point:** Not applicable

**Autoignition temperature:** N/A

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

**Density:** 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:**

Reagents containing NaN<sub>3</sub>: Toxic fumes when contact with acid.

**Incompatibilities:**

Reagents containing NaN<sub>3</sub>: acid, metal, acid chloride.

## Section 11 - Toxicological Information

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

**Effects of acute exposure to Product:**

Acute poisoning may cause gastrointestinal irritation and renal failure. May be harmful if inhaled, swallowed or absorbed through the skin, or in contact with eyes.

**Effects of chronic exposure to Product:**

Chronic ingestion may result in salicylism which is characterized by nausea, vomiting, gastrointestinal ulcers, and hemorrhagic strokes.

**Exposure Limits:** N/A

**Irritancy:** N/A

**Sensitization to Product:** N/A

**Carcinogenicity:** IARC: No component 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:** N/A

**Reproductive Toxicity:** N/A

**Mutagenicity:** N/A

**Synergistic Products:** N/A

## Section 12 – Ecological Information

**Toxicity:** Harmful for aquatic life

**Persistence and degradability:** Not available.

**Bioaccumulative 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.

Do not empty in the sewers.

## 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

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

EUH032: Contact with acids liberates very toxic gaz

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.