

# Material Safety Data Sheet

According to 91/155 EEC

This Material Safety Data Sheet applies to all the GEN-PROBE DIACLONE Monoclonal Antibodies under purified format

## 1/ Data on components

Regarding components comprised in the vial, the following products are defined as hazardous chemical according the Directive 67/548/EEC

Accordingly, Material Safety Data Sheet(s) for the following chemical(s) are enclosed:

**Sodium Azide:** at a final concentration of 0,1 % is used as a preservative in the buffer.

**BSA:** Bovine Serum Albumine from a certified, BSE- free northamerican source at a final concentration of 1% is used in the buffer.

Other chemical contained within these products do not meet definition of a hazardous chemical according EC Directives.

## 2/ General information

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

### Section 1 - Identification of substance

**Product Identification:** Monoclonal Antibodies Purified

**Manufacturer:** GEN-PROBE DIACLONE SAS  
1, Bd Fleming  
F-25000 Besançon  
France

Tel: +33 3 81 41 38 38  
Fax: +33 3 81 41 36 36  
e-mail: [diacclone@gen-probe.com](mailto:diacclone@gen-probe.com)  
[www.gen-probe.com](http://www.gen-probe.com)

### Section 2 - Data on components

**Chemical characterization:** Preparation

Hazardous ingredients:	%	CAS Number	EC Number
Sodium azide	0,1%	26628-22-8	247-852-1
T+ ; N 28-32-50/53			

**Additional information:**

The data and advice relate to the concentrations of prepared solution

### Section 3 - Hazard Identification

**Hazard Description:** not applicable

**Information concerning to particular hazards to man and environment:** not applicable

### Section 4 - First Aid Measures

**General information** No special measures required

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

**After skin contact** 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

### Section 5 - Fire Fighting Measures

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment** No special measures required

# Material Safety Data Sheet

According to 91/155 EEC

## Section 6 - Accidental Release Measures

**Person-related safety precautions:** Not required

### Measures for environmental protections

Dilute with plenty of water.

Do not allow to enter sewers / surface or ground water.

### Measures for cleaning / collecting

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

## Section 7- Handling and storage

### Handling:

**Information for safe handling:** Avoid breathing dust, vapor, 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 MSDS 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.

### Storage:

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

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:** None

### Storage class:

Class according to regulation on flammable liquids: void

## Section 8 - Exposure Controls / Personal Protection

**Additional information about design of technical facilities:** No further data; see section 7

### Ingredients with limit values that require monitoring at the workplace

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

### 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:** colourless

**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

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

**Dangerous reaction:** No dangerous reactions known

**Dangerous decomposition products:** No dangerous decomposition products known

# Material Safety Data Sheet

According to 91/155 EEC

## Section 11 - Toxicological Information

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

**Effects of acute exposure to Product:**

No irritant effect on the skin, eyes. No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Guidelines.

<b>Exposure Limits</b>	<b>Irritancy</b>	<b>Sensitization To Product</b>	<b>Carcinogenicity</b>
N/A	N/A	N/A	N/A
<b>Terratogenicity</b>	<b>Reproductive Toxicity</b>	<b>Mutagenicity</b>	<b>Synergistic Products</b>
N/A	N/A	N/A	N/A

## Section 12 - Ecological Information

**General Notes:** Generally not 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:** N/A

## Section 15 - Regulations

**Labelling according to European labelling guidelines:**

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 knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Prepared by:** Marketing Department

**Phone N°:**+33 3 81 41 38 38

**Date:** September 2010