



## MATERIAL SAFETY DATA SHEET

### 1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Identification:** SNPD Positive Control (SNPD-xxx CTRL)  
Cod. SNPD CF-CTRL e SNPD-032 CTRL
- 1.2 Use of the preparation:** *In vitro* Diagnostics. Calibration standard for the nucleic acid hybridization technique.
- 1.3 Company Identification:** Bioclarma S. r. L.  
Legal Office: via Francesco Petrarca, 4F – 10126 Torino, ITALY.  
Operating Office: via Nizza, 52 – 10126 Turin, ITALY.  
Tel. +39.011.670.6446; +39.011.188.94474  
Fax. +39.011.670.8416; +39.011.188.93578
- 1.4 Emergency Telephone Number:** +39.011.670.6446

### 2.0 HAZARDS IDENTIFICATION

- 2.1 Classification:**
- **Emergency overview:**  
No particular hazards expected in ordinary condition of use.
  - **Potential health effects:**  
None found in ordinary condition of use.
  - **Environmental effects:**  
None found in ordinary condition of use.
  - **Signs and symptoms of exposure:**  
None found in ordinary condition of use.
- 2.2 Label elements**
- Observe the general safety regulations when handling chemicals. The product is not subjected to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

The product does not contain substances hazardous to human health or the environment and to which are recognised exposure limits in working areas.

#### 4.0 FIRST AID MEASURES

- **Immediately get medical attention in case of exposure:**  
Not required.
- **Inhalation:**  
Non-hazardous. Remove to fresh air. If breathing becomes difficult, seek medical assistance.
- **Skin contact:**  
Non-hazardous. Wash thoroughly with soap and water. Remove contaminated clothing and shoes.
- **Eye contact:**  
Non-hazardous. Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with finger. In the presence of pain and redness, seek medical assistance.
- **Ingestion:**  
Non-hazardous. Do not induce vomiting. Flush mouth with copious amounts of water if person is conscious. Get medical attention if irritation develops or persists.

#### 5.0 FIRE FIGHTING MEASURES

- **Suitable extinguishing media:**  
Water spray, carbon dioxide, foam or dry chemical powders, depending on material involved.
- **Unsuitable extinguishing media:**  
None in particular.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
Avoid inhalation of gases, fumes or vapours.
- **Special protective equipment for fire-fighters:**  
Protect airways against gases produced during combustion of the materials involved in the fire.

#### 6.0 ACCIDENTAL RELEASE MEASURES (If necessary, see sections 8 and 13)

- **Personal precautions:**  
Non-hazardous. Avoid skin and eyes contact. Wear appropriate protective equipment.
- **Environmental precautions:**  
Non-hazardous.
- **Measures for cleaning/collecting:**  
Collect spill for disposal. If necessary, soak up spill with inert absorbent material. Dispose of materials according to local and national laws.

#### 7.0 HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards

### 7.1 Handling

- **Safety Precaution:**  
No special measures required. Avoid direct contact with product. Wear impermeable protective gloves.
- **Conditions/material to avoid:**  
No special measures required.

### 7.2 Storage

- **Safety Precautions:**  
Store in original container -20°C to preserve product quality.
- **Static discharge prevention:**  
Not required.
- **Storage limits:**  
None listed.

### 7.3 Specific use(s)

- **Handling recommendations:**  
No further relevant information available. Wear protective gloves.

## 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Exposures limits

- **Component:**  
None established.

### 8.2 Exposures Controls

- **Engineering controls:**  
No particular procedures required under ordinary conditions of use. Handle in accordance with good industrial hygiene and safety practice.
  - **Respiratory protection:**  
None under ordinary conditions of use. Handle in accordance with good industrial hygiene and safety practice.
  - **Hands protection:**  
Wear latex or vinyl protective gloves. Handle in accordance with good industrial hygiene and safety practice.
  - **Eyes protection:**  
Wear safety glasses. Handle in accordance with good industrial hygiene and safety practice.
  - **Skin protection:**  
Wear protective lab coat. Handle in accordance with good industrial hygiene and safety practice.

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General Information – Appearance:

Physical State at 25°C:	Liquid
Colour:	Colourless
Form:	Liquid
Odour:	Odourless

### 9.2 Important health, safety and environmental information:

pH value in aqueous solution:	~5
Boiling point:	>100°C a 100.000Pa (1 mmHg 0 133.32Pa)
Flash point (liquid):	ND
Flammability (solid):	NA
Flammability (gas, liquid and solid):	ND
Explosive properties:	ND
Oxidizing properties:	NA
Vapour Pressure:	ND
Relative Density:	1.001
Solubility:	Completely miscible in water
Partition coefficient n-octanol/water:	ND
Viscosity:	ND
Vapour density (air=1):	ND
Evaporation rate:	ND

### 9.3 Other information:

Self-flammability:	NA
Lower explosive limit:	NA
Auto-ignition temperature of aerosol:	NA
Melting point:	ND
Decomposition temperature:	ND
Apparent Density:	ND
Miscibility with other solvents:	ND
Conductivity:	ND

## 10.0 STABILITY AND REACTIVITY

### 10.1 Conditions to avoid

No data available.

### 10.2 Materials to avoid

No data available.

### 10.3 Hazardous decomposition products

No data available.

**10.4 Chemical stability**

No data available.

**10.5 Dangerous effects possibility**

No data available.

**11.0 TOXICOLOGICAL INFORMATION**

- **Health effects of exposure to product:**  
None.
- **Immediate, delayed and chronic effects of short- and long-term exposure:**
  - **Sensitization:**  
None.
  - **Carcinogenic effects:**  
None.
  - **Mutagenic effects:**  
None.
  - **Reproductive toxicity (development and fertility):**  
None.
  - **Narcotic effects:**  
None.

**12.0 ECOLOGICAL INFORMATION** (if necessary see sections 6, 7, 13, 14 and 15)

Handle and disposal in accordance with good industrial hygiene and safety practice

**13.0 DISPOSAL CONSIDERATIONS**

Dispose of according to local and national laws

- **Safety measures and procedures for handling waste and residues:**  
Hand over to hazardous waste disposers. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Appropriate disposal methods for contaminated packaging:**  
Observe all national and local regulations regarding disposal.

**14.0 TRANSPORT INFORMATION**

The product is not classified as dangerous in the meaning of current regulations for road (ADR), rail (RID), maritime (IMDG code) and air (IATA) transport.

<b>14.1</b> UN Number ADR, ADN, IMDG, IATA	Void
<b>14.2</b> UN Proper shipping name ADR, ADN, IMDG, IATA	Void
<b>14.3</b> Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
<b>14.4</b> Packing Group ADR, IMDG, IATA	Void
<b>14.5</b> Environmental Hazards: Marine pollutant:	No
<b>14.6</b> Special precautions for users	NA
<b>14.7</b> Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code	NA
UN "Model Regulation":	-

**15.0 REGULATORY INFORMATION**

- **Information shown on label**
  - **Commercial designation or trade name:**  
SNPD Positive Control (Cod. SNPD-CF CTRL e SNPD-032 CTRL).
  - **EU Marketing authorization holder:**  
Bioclarma S. r. L.  
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Operating Office: via Nizza, 52 – 10126 Turin, ITALY.  
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  - **Contains:**  
Chemical name of component(s): none.
- **Classification and labelling**  
Product is not classified as hazardous under Directive 88/379/EEC as amended.
  - **Hazard symbol:**  
None.
  - **Hazard designation(s):**  
None.

- **Precautionary statements (P-phrases):**  
P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
P262 – Do not get in eyes, on skin, or on clothing.
- **Nominal content of package:**  
Volume approximately 0.400 ml.
- **Restriction on sale and use:**  
For professional use only.
- **Occupational exposure limits (see section 8):**  
None.

## 16.0 OTHER INFORMATION

- **Disclaimers:**

The information provided in this MSDS is correct to the best of our knowledge, information and belief at the time of its publication. The information relates only to the specific material designated, and is not to be considered as a warranty or quality specification. Individuals receiving this information must exercise their independent judgment in determining its accuracy, completeness and appropriateness for a particular purpose. There is no guarantee that all possible safety measures have been described in this MSDS, and that additional measures may not be required in particular or exceptional conditions or circumstances.

Bioclarma S.r.L. assumes no responsibility deriving from misuse, improper or illegal, direct or indirect, of the product produced and sold.

- **Recommended uses and restrictions on use:**

Do not use the product for purposes other than those for which it is intended. Improper use may result in risks that are not contemplated herein

**Bioclarma S. r. L. remains at your disposal for further information and explanations.**

**LEGEND: ND = Not Determinate; NA = Not Applicable**