

# Material Safety Data Sheet

According to Commission regulation (EU) **2015/830** of 28-May-2015 amending Regulation (EC) No 1907/2006

Commercial name: **DireCtQuant NAE - Nucleic acid electrophoresis buffer**

Revision Date: 02-Jan-2020



## **SECTION 1. Identification of the substance/mixture and of the company**

### **1.1 Product identifier:**

**Commercial name** DireCtQuant NAE - Nucleic acid electrophoresis buffer  
**Chemical name** Not Applicable  
**Product number** #DCQNAE  
**REACH number** A registration number is not available for this mixture as the substances or their uses are exempted from registration, the annual tonnage does not require a registration (is less than one tonnage per annum) or the transition period for its registration according to Article 23 of REACH has not yet expired.

### **1.2 Relevant identified uses of the substance or mixture and no advisable uses**

**Identified uses** Research Use Only. Not for use in diagnostic or therapeutic procedures.  
**Use Description Code** PROC15 - Use as laboratory reagent, PC21 - Laboratory chemicals, SU24 - Scientific research and development.  
**No advisable uses:** Not for consumer use.

### **1.3 Details of the supplier of the material safety data sheet**

**DireCtQuant**  
Lleida Agri-food Science and Technology Park  
Parc de Gardeny, CeDiCo building,  
25003 Lleida, Spain

**Office:** Germans Izquierdo 11, 2A  
25003 Lleida, Spain  
Phone/Fax: (+34) 973265552  
**Web:** [www.directquant.eu](http://www.directquant.eu)  
**E-mail:** [customersupport@directquant.eu](mailto:customersupport@directquant.eu)

**1.4 Emergency telephone number**  
Emergency Phone: +34 678-345-170

## **SECTION 2. Hazards identification**

### **2.1 Classification of the substance or mixture**

Not a hazardous mixture according to Regulation (EC) No. 1272/2008 (CLP)  
This mixture is not classified as dangerous according to Directive 67/548/EEC.

### **2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP)  
The product does not need to be labelled in accordance with EC directives or respective national laws.

### **2.3 Other hazards**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## **SECTION 3. Composition/information on ingredients**

### **3.2 Mixtures**

No components at their given concentration need to be disclosed according to the applicable regulations.  
We recommend all chemicals to be handled with caution.

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## SECTION 4. First aid measures

### Description of the first aid measures

|                             |  |
|-----------------------------|--|
| <b>General instructions</b> | No special measures required   |
| <b>Skin contact</b>         | Rinse with plenty of water. Generally, the product does not irritate the skin.   |
| <b>Eye contact</b>          | Rinse cautiously opened eyes for at least 15 minutes with water. If present, remove contact lenses and continue rinsing. |
| <b>Inhalation</b>           | Remove to fresh air. If symptoms persist, consult a physician.   |
| <b>Ingestion</b>            | Induce vomiting and consult a physician.   |
| <b>Notes to physicians</b>  | Treat symptomatically  |

## SECTION 5. Fire-fighting measures

|                                     |  |
|-------------------------------------|--|
| <b>Suitable extinguishing media</b> | Water spray, CO <sub>2</sub> , dry powder or appropriate foam. |
| <b>Protective equipment</b>         | Special protection is not needed.                              |

## SECTION 6. Accidental release measures

|                                    |  |
|------------------------------------|--|
| <b>Personal safety precautions</b> | Always wear recommended Personal Protective Equipment (protective gloves, safety goggles and protective clothing). |
| <b>Environmental protection</b>    | Dilute with plenty water. Do not allow to enter sewers/ surface or ground water.                                   |
| <b>Cleaning/collecting</b>         | Absorb with liquid-binding material (sand, acid binder, universal binder, sawdust) and dispose.                    |

## SECTION 7. Handling and storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | No special measures required. Always keep the containers closed. Follow the good laboratory techniques when handling. |
| <b>Storage</b>  | Keep in the original container. Store at room temperature.  |

## SECTION 8. Exposure controls and personal protection

|                               |   |
|-------------------------------|---|
| <b>Exposure limits</b>        | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.                  |
| <b>Eye protection</b>         | Wear goggles  |
| <b>Skin protection</b>        | Wear protective gloves and lab coat   |
| <b>Respiratory protection</b> | Not required  |
| <b>Hygienic measures</b>      | Observe the safety measures for handling chemicals. Avoid contact with skin and eye. Keep away from food. Do not eat, drink or smoke while working. |

## SECTION 9. Physical and chemical properties

|                      |                   |                          |                              |
|----------------------|-------------------|--------------------------|------------------------------|
| <b>Appearance</b>    | Liquid            | <b>Flash point</b>       | No data available            |
| <b>Colour</b>        | Colourless        | <b>Vapour pressure</b>   | No data available            |
| <b>Odour</b>         | Odourless         | <b>Risk of explosion</b> | The product is not explosive |
| <b>Boiling point</b> | No data available | <b>pH-value at 20°C</b>  | No data available            |

## SECTION 10. Stability and reactivity

|                   |             |
|-------------------|-------------|
| <b>Reactivity</b> | None known. |
|-------------------|-------------|

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**Chemical stability** Stable if used according to specifications.  
**Decomposition** No data available.  
**Avoiding conditions** No further relevant information available.

## SECTION 11. Toxicological information

There is no evidence available indicating acute toxicity.

**Primary irritant effect** Irritant effects on the eyes are possible. Not irritable for skin.  
**Sensibilization** No sensitizing effects are known.  
**Carcinogenicity** No data to carcinogenicity for humans.

## SECTION 12. Ecological information

**Toxicity** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.  
**Persistence and degradability** No data available.  
**Bioaccumulative potential** No data available.  
**Results of PBT and vPvB assessment** This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
**Other adverse effects** No data available.

## SECTION 13. Disposal considerations

It cannot be disposed of with household waste. It should not reach the sewage system. Disposal according to official guidelines.

## SECTION 14. Transport information

**ADR** Non-hazardous for road transport  
**IMDG** Non-hazardous for sea transport  
**IATA** Non-hazardous for air transport

**UN number** Not Applicable  
**UN proper shipping name** Not Applicable  
**Transport hazard class(es)** Not Applicable  
**Packing group** Not Applicable

**Environmental hazards** Not Applicable  
**Special precautions for user** Not Applicable  
**Transport in bulk according to Annex II of MARPOL and the IBC Code** Not Applicable

## SECTION 15. Regulatory information

Safety, health and environmental regulations/ legislation specific for the substance or mixture

**Substances of very High Concern** None  
**EU REACH (1907/2006) - Annex XIV - Substances Subject to Authorization** None  
**Restricted substances under EC 1907/2006 - Annex XVII** None

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**Substances listed under Annex I of Regulation (EC) No 689/2008** None

**Restricted substances under Annex V of Regulation (EC) No 689/2008** None

**Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC** None

**Other International Inventories** No data available.

**Chemical safety assessment** No Chemical safety assessment has been carried out.

### **SECTION 16. Other information**

The above information is based on our present knowledge and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above mentioned products.

#### **DISCLAIMER**

**For Research Use Only**

**Not intended for any animal or human diagnostic or therapeutic use**

#### **Abbreviations**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association