

# Material Safety Data Sheet



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

Commercial name: **DireCtQuant ELML - Protein electrophoresis loading buffer**

Revision Date: 02-Jan-2020

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

### **1.1 Product identifier:**

**Commercial name** DireCtQuant ELML - Protein electrophoresis loading buffer

**Chemical name** Not Applicable

**Product number** #DCQELML

**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.

## **SECTION 4. First aid measures**

# Material Safety Data Sheet



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

Commercial name: **DireCtQuant ELML - Protein electrophoresis loading buffer**

Revision Date: 02-Jan-2020

## 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 of 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>	Red	<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.
<b>Chemical stability</b>	Stable if used according to specifications.
<b>Decomposition</b>	No data available.

# Material Safety Data Sheet



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

Commercial name: **DireCtQuant ELML - Protein electrophoresis loading buffer**

Revision Date: 02-Jan-2020

**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

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

## Material Safety Data Sheet



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

Commercial name: **DireCtQuant ELML - Protein electrophoresis loading buffer**

Revision Date: 02-Jan-2020

**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