

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade Name: EuroClonality-NDC assay

Product Code: U8001

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended restrictions on use: For professional laboratory use only.

1.3 Details of the supplier of the safety data sheet

Company: Univ8 Genomics Limited
63 University Road
Belfast, BT7 1NF
United Kingdom

E-mail address: contact@univ8genomics.com

1.4 Emergency telephone number

Refer to your local or national Toxicology/Health Advice 24h helpline.

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Components**

Remarks: No hazardous ingredients

SECTION 4: First aid measures**4.1 Description of first aid measures**

General Advice: Do not leave the victim unattended.

If inhaled: Move to fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact: If on skin, rinse well with water.

In case of eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire Fighting: No information available.

Hazardous combustion products: No hazardous combustion products are known.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid dust formation

6.2 Environmental precautions

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion: Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

7.2 Conditions for safe storage, including any incompatibilities

Requirement for storage areas and containers: Electrical installations / working materials must comply with areas and containers the technological safety standards.

Further information on storage conditions: See label, package insert or internal guidelines.

Advice on common storage: No materials to be especially mentioned.

Storage class (TRGS 510) : 11, Combustible Solids.

Further information on storage stability: Keep in a dry place. No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Laboratory chemicals

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

8.2 Exposure controls Engineering measures

No data available

Personal protective equipment

Eye Protection: Safety glasses

Hand Protection

In case of full contact:

Material: Nitrile rubber
Break through time: 480min
Glove thickness: 0.11mm

In case of contact through splashing:

Material: Nitrile rubber
Break through time: 480min
Glove thickness: 0.11mm

Remarks: The selected protective gloves must satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection: Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: liquid

Colour: colourless

Odour: odourless

Odour Threshold: not applicable

pH: no data available

Melting point/range: no data available

Boiling point/boiling range: no data available

Flash point: no data available

Evaporation rate: no data available

Flammability (solid, gas): not applicable

Upper explosion limit / Upper flammability limit: no data available

Vapour pressure: no data available

Relative vapour density: not applicable

Relative density: no data available

Solubility(ies)

Water solubility: completely soluble

Solubility in other solvents: no data available

Partition coefficient: n-octanol/water: no data available

Auto-ignition temperature: no data available

Decomposition temperature: no data available

Viscosity

Viscosity, dynamic: not applicable

Viscosity, kinematic: not applicable

Explosive properties: no data available

Oxidizing properties: the substance or mixture is not classified as oxidizing

9.2 Other information

Flammability (liquids): no data available

Self-ignition: no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: Stable under recommended storage conditions. No hazards to be specifically mentioned. Dust may form explosive mixture in air

10.4 Conditions to avoid

Conditions to avoid: Heat. Exposure to moisture

10.5 Incompatible materials

Materials to avoid: Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

SECTION 12: Ecological information**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product: Can be disposed as waste water, when in compliance with local regulations

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14: Transport information**14.1 UN number**

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks: Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : not applicable

REACH - List of substances subject to authorization (Annex XIV) : not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: not applicable

Water contaminating class (Germany) WGK 1 slightly hazardous to water
Classification according to AwSV, Annex 1 (4)

TA Luft List (Germany)

Total dust: Not applicable

Inorganic substances in powdered form: Not applicable

Inorganic substances in vapour or gaseous form: Not applicable

Organic Substances: Not applicable

Carcinogenic substances: Not applicable

Mutagenic: Not applicable
Toxic to reproduction: Not applicable

Volatile organic compounds: Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) - Not applicable

The components of this product are reported in the following inventories:

DSL: All components of this product are on the Canadian DSL
AICS: On the inventory, or in compliance with the inventory
NZIoC: On the inventory, or in compliance with the inventory
ENCS: Not in compliance with the inventory
ISHL: Not in compliance with the inventory
KECI: Not in compliance with the inventory
PICCS: Not in compliance with the inventory
IECSC: On the inventory, or in compliance with the inventory
TCSI: On the inventory, or in compliance with the inventory
TSCA: Substance(s) not listed on TSCA inventory

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific