



Safety Data Sheet

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Classification according to Regulation (EC) No. 1272/2008 [CLP]

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name	Validated PACE Assay / Non-Validated PACE Assay
Product Number(s)	CUST-ASSAY-001, CUST-ASSAY-002
Unique Formula Identifier (UFI)	Not Applicable
Chemical name	Not Applicable
REACH registration N°	No registration number is given yet for this substance / substances in this mixture since the annual report quantity 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 uses advised against

Relevant uses	DNA testing. For research purposes only
Use description code	SU24 – Scientific Research & Development PC21 – Laboratory chemicals PROC15 – Use as a laboratory reagent
Uses advised against	Not for consumer use

1.3. Details of the supplier of the safety data sheet

Manufacturer	3CR Bioscience Ltd, Unit 10, West Point Business Park, West Road, Harlow, Essex CM20 2BU, United Kingdom
Technical Services	support@3crbio.com

1.4. Emergency telephone number +44 (0)1279 940 983 Mon-Fri : 9am - 5pm (GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of substance	Classification according to Regulation (EC) No. 1272/2008. The product is not classified according to the CLP regulation
Physical hazards	Not hazardous
Health hazards	Not hazardous
Environmental hazards	Not hazardous
Classification	Not hazardous
Additional information	Not applicable

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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms	None
Signal Word	None
Hazard Statements	Not Applicable
EU Specific Hazard Statements	Not Applicable

Precautionary Statements

Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable

Other hazards Not Applicable

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

We recommend handling all chemicals with caution.

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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

Skin contact	Rinse with plenty of water. Immediate medical attention not required
Eye contact	Rinse gently with water for several minutes
Ingestion	Immediate medical attention not required Not expected to present a significant ingestion hazard under anticipated conditions of normal use If unwell, seek medical advice
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use Seek medical advice if necessary

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

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

Suitable extinguishing media Water spray. Carbon dioxide (CO₂). Dry chemical.
Unsuitable extinguishing media No information available.

5.2 Special hazards arising from the substance or mixture Not known

5.3 Advice for firefighters Standard procedure for chemical fires.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment & emergency procedures

Personal precautions	Ensure adequate ventilation Always wear Personal Protective Equipment Use personal protection equipment See Section 8 for more information
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6.2 Environmental precautions

Environmental precautions	No special environmental precautions required Avoid discharge into drains and waterways whenever possible.
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6.3. Methods and material for containment and cleaning up

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.
Soak up with inert absorbent material

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on handling	Use personal protective equipment as required No special handling advices necessary
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7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions	Store according to product and label instructions.
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7.3 Specific end use(s)

For research use only

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure Limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)	No information available.
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Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls**Personal protection equipment**

Respiratory protection	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
Hand protection	Wear suitable gloves Glove material: Compatible chemical-resistant gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374
Eye protection	Tight sealing safety goggles.
Skin and Body Protection	Wear suitable protective clothing.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state	Liquid
Colour	No data
Odour	No data
Molecular Weight	No data
pH	7-8.5
Melting point/range	°C/°F mixture has not been tested
Boiling point/range	°C/°F mixture has not been tested
Flash point	°C/°F mixture has not been tested
Autoignition temp.	°C/°F mixture has not been tested
Decomposition temp.	°C/°F mixture has not been tested
Flammability (solid, gas)	No data
Lower explosion limit	No data
Upper explosion limit	No data
Evaporation rate	No data
Viscosity	No data
Solubility	No data
Partition coefficient: n-octanol/water	No data

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Vapour Pressure	No data
Specific gravity	No data
Relative density	No data
Vapour density	No data
Explosive properties	No data
Oxidising properties	No data
Particle characteristics	No data

Other information

Information with regards to physical hazard classes

No information available

Other safety characteristics

No information available

SECTION 10: Stability and reactivity

Reactivity	None known
Chemical stability	Stable under normal conditions
Hazardous reactions	None reported
Conditions to avoid	No information available
Incompatible materials	No dangerous reactions known under normal use conditions
Hazardous decomposition products	No data available

SECTION 11: Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1 Principal Routes of Exposure

Skin corrosion/irritation	Data are conclusive but insufficient for classification
Serious eye damage/irritation Sensitisation	Data are conclusive but insufficient for classification
Respiratory or skin	Data are conclusive but insufficient for classification
Specific target organ toxicity (STOT) – single exposure	Data are conclusive but insufficient for classification
Specific target organ toxicity (STOT) – repeated exposure	Data are conclusive but insufficient for classification
Carcinogenicity	Data are conclusive but insufficient for classification
Germ cell mutagenicity	Data are conclusive but insufficient for classification
Reproductive Toxicity	Data are conclusive but insufficient for classification

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Aspiration Hazard Data are conclusive but insufficient for classification

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Disposal of this product should comply with the local, regional and or national/federal regulations
Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers

SECTION 14: Transport information

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Not classed as a dangerous good

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations

UN number or ID number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group Not Applicable

Special precautions for user Not Applicable

Maritime transport in bulk according to IMO instruments

Not Applicable.

SECTION 15: Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture
Substances of Very High Concern**

None

Substance subject to authorisation per REACH Annex XIV

None

Restricted substances under EC 1907/2006, Annex XVII

None

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

German Water hazard classes (Wassergefährdungsklassen)

Chemical Name Weight-% Water hazard class (WGK)

Not applicable

Chemical safety assessment

No Chemical safety assessment has been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Not classified

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006

References

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>

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- eChemPortal: <http://www.echemportal.org/>
- LOLI database: <https://www.chemadvisor.com/loli-databas>

Abbreviations and acronyms

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

IATA - International Air Transport Association

DOT - Department of Transportation

IMDG - International Maritime Dangerous Goods

Disclaimer

The above information is to be used as a guide only

All materials and mixtures may present unknown hazards and should be used with caution

The company shall not be held liable for any losses resulting from the handling or from contact with the product as described herein, as the company cannot control the actual methods, volumes, or conditions of use

The information above does not constitute a warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose

End of Safety Data Sheet

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