



SAFETY DATA SHEET

pH-Xtra™

according to Regulation
(EC) No. 1272/2008
Version 1.0
Date: 28-11-16

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

1.1 Product identifier

Product Name: pH-Xtra™
Catalogue Number: PH-200

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

For Research use only, not for human or veterinary use.

1.3 Details of the supplier of the safety data sheet

Name of Manufacturer: Luxcel Biosciences Ltd
Address of Manufacturer: Hoffman Park, Inchera
Little Island, Cork,
T45 YX04
Ireland
Telephone: +353 (0)21 2428880
Website: www.luxcel.com
Email: info@luxcel.com

1.4 Emergency telephone number

Emergency Tel No: +353 (0)21 2428880 (8.30 - 17.00 GMT)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Not classified as hazardous for supply

Classification (1999/45/EC)

Not classified as hazardous for supply

Risk Phrases:

For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

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

GHS Signal Word: None

GHS Hazard phrases: based on evaluation of currently available data this substance or mixture is not classifiable according to GHS

GHS Precautionary Phrases: no phrases apply

GHS Response Phrases: no phrases apply

GHS Storage and Disposal Phrases: please refer to section 7 for Storage and Section 13 for Disposal information

2.3 Adverse Human Health effects and Symptoms:

Material may be irritating to the mucous membrane and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin adsorption. May cause eye, skin, or respiratory



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system irritation.

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

CAS # / RTECS #	Hazardous Components (Chemical name) / REACH Registration No.	Concentration	EC No./EC Index No.	Risk Phrases/GHS Classification
NA	pH-Xtra™ Assay Reagent	100%	NA	No phrases apply.
NA			NA	No data available.

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with skin

Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Contact with eyes

If substance has gotten into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly while lifting eyelids. Seek medical advice if necessary.

Ingestion

Rinse mouth with water (do not swallow).

Never make an unconscious person vomit or drink fluids.

If medical advice is needed, have product container or label at hand.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



SAFETY DATA SHEET

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

In case of fire: use foam, carbon dioxide, water, or dry agent for extinction.
Unsuitable Extinguishing: A solid water stream may be inefficient.

5.2 Special hazard arising from the substance or mixture

No specific fire or explosion hazard.
Smoke from fires is toxic. Take precautions to protect personnel from exposure.
See Section 10.

5.3 Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water.
Wear chemical protection suit and a positive-pressure breathing apparatus.
Wear protective clothing as per section 8.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources.
Avoid raising and breathing dust, and provide adequate ventilation.
Remove contaminated clothing.
Wear protective clothing as per section 8.
Wash thoroughly after dealing with spillage.

6.2 Environmental Precautions

Do not allow to enter public sewers and watercourses.

6.3 Methods and material for containment and cleaning up

Absorb spillage in inert material and shovel up.
Place in sealable container and label them.
Transfer to a chemical waste container for disposal in accordance with local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not breathe dust.
Avoid contact with skin and eyes.
Do not eat, drink or smoke when using this product.
Ensure adequate ventilation.
Eyewash bottles should be available.
Wash hands thoroughly after using this substance.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.
Store in accordance with information listed on the product insert.



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7.3 Specific end use(s)

For research use only, not for human or veterinary use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

There are no recommended or established controls for this product.

8.2 Exposure controls

Eyewash bottles should be available.

Engineering controls should be provided to prevent the need for ventilation.

No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear NIOSH approved respirator.

Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Wear safety glasses approved to standard for NIOSH (US) or EN 166.

Wear suitable protective clothing: Gloves, Safety glasses, Lab coat.

Do not take internally.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical States:	Solid
Appearance:	pale yellow lyophilized powder
Odour:	No information available
Melting point/Range:	No information available
Boiling Point/Range:	Not determined
Flashpoint:	No information available
Evaporation Rate:	No information available
Flammability:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	No information available
Solubility in water:	Insoluble in water
Partition Coefficient (n-Octanol/Water):	No information available
Auto-ignition Temperature:	No information available
Viscosity:	No information available
Explosive Properties:	Product does not present an explosion hazard
Oxidizing Properties:	No information available

9.2 Other information

No information available



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SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable if stored in accordance with information listed on the product insert. Polymerization will not result in odour.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous Decomposition Products

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The toxicological effects of this product have not been thoroughly studied

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12: Ecological information

12.1 Toxicity

No information available.

To the best of our knowledge, the properties of this material have not been fully evaluated.

Avoid release into the environment.

Runoff from fire control or dilution water may cause pollution.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.



SAFETY DATA SHEET

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12.6 Other adverse effects

No information available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.8 Land transport (US DOT)

DOT Proper Shipping Name: Not dangerous goods

DOT Hazard Class:

UN/NA:

14.9 Land transport (European ADR/RID)

ADR/RID Shipping Name: Not dangerous goods.

UN Number:

Hazard Class:

14.11 Air transport (ICAO/IATA)

ICAO/IATA Shipping Name: Not dangerous goods

Additional transport information: Transport in accordance with local, state, and federal regulations.

SECTION 15: Regulatory information

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

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010 (REACH) and OSHA Hazard Communication Standard 29 CFR 1910.1200.

Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe

European Community Hazard Symbol Codes:

European Community Risk and Safety Phrases:

S24/25 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection

Regulatory information statement:

This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No. 1272/2008

15.2 Chemical Safety Assessment

No information available.



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15.3 United States Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical name)	S.302 (EHS)	S.304 RQ	S. 313 (TRI)
NA	pH-Xtra™ Assay reagent	No	No	No
CAS #	Hazardous Components (Chemical name)	Other US EPA or State Lists		
NA	pH-Xtra™ Assay reagent	CAA HAP, ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No		

SECTION 16: Other information

Additional information about this product: no data available

Company Policy or Disclaimer:

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of the merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.