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OXFORD
EXPRESSION
TECHNOLOGIES

Material Safety Data Sheet

1. PRODUCT INFORMATION

Product name:	ESF 921 Delta Series All Amino Acid Deficient Insect Cell Culture Media
Product code:	500311
Company undertaking Identification:	Oxford Expression Technologies Ltd, Gipsy Lane Campus, Oxford OX3 0BP, UK

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. HAZARDS IDENTIFICATION

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water
Eye contact	Wash thoroughly with water, also under eyelids
Ingestion	No specific measure: never give anything by mouth to unconscious person
Inhalation	No specific measure: move to fresh air
Notes to physician	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, water spray, CO2 or appropriate foam
Special protective equipment for fire fighters	Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use standard personal protective equipment
Methods for clean up	Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling	No special handling advice required
Storage	Keep in properly labelled containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
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Personal protective equipment

Respiratory protection	Not required
Hand protection	Standard laboratory gloves
Eye protection	Safety glasses with side shields
Skin and body protection	Lightweight protective laboratory coat
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Other information	Do not eat, drink or smoke during use

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Form	Clear, yellow liquid
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Health & Safety and Environmental information

pH	6.6-6.7
Boiling point/range	Data not known
Melting point/range	Data not known
Flashpoint	Data not known
Autoignition point	Data not known
Oxidising properties	No data available
Water solubility	Soluble

10. STABILITY AND REACTIVITY

Stability	Stable
Materials to avoid	Data not known
Hazardous decomposition products	Data not known
Polymerisation	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL EFFECTS

Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable
Bioaccumulation	Does not occur

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT CONSIDERATIONS

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard class	No information available
Subsidiary class	No information available
Packing group	No information available
UN-No	No information available
RID/ADR	Non-hazardous for road transport
IMDG	Non-hazardous for sea transport

15. REGULATORY INFORMATION

This product has been classified as compliant to Regulation (EC) No. 1272/2008 (CLP) (amending Council Directives 67/548/EEC and 1999/45/EC) and Regulation (EC) 1907/2006 (REACH) (last amended by Regulation (EC) 2015/830).

16. OTHER INFORMATION

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END OF MATERIAL SAFETY DATA SHEET

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