

MATERIAL SAFETY DATA SHEET

MSDS FOR CELL LINES (BIOSAFETY LEVEL 1)

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SECTION 1 SUBSTANCE IDENTITY AND COMPANY INFORMATION

Product Name: Cell Lines at Biosafety Level 1

AMS Biotechnology (Europe) Limited

184 Park Drive
Milton Park
Abingdon
e-mail: info@amsbio.com

FOR INFORMATION CALL: +44 (0) 1235 828 200

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Frozen Cultures may also contain a 5%-10% solution of Dimethyl sulfoxide as a cryoprotectant.

SECTION 3 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2. Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3. HMIS Rating:

Health: 0, Flammability: 0, Reactivity: 0

2.4. NFPA Rating:

Health: 0, Flammability: 0, Reactivity: 0

2.5. This substance is not hazardous however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

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2.6 Other hazards - none

2.7 Health Hazards

Handle as a potentially biohazardous material under at least Biosafety Level 1 containment. This cell line is not known to cause disease in healthy adult humans. These cells have **NOT** been screened for Hepatitis B, human immunodeficiency viruses or other adventitious agents, unless otherwise reported on the Certificate of Analysis. Regardless of results reported on the Certificate of Analysis Universal Precautions according to 29 CFR 1910.1030 should be followed at all times when manipulating these cell lines.

SECTION 4 FIRST AID MEASURES

Report to your Safety Office and Seek Medical Attention as Soon as Possible

Ingestion:

If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician then administer three cupfuls of water. Do not induce vomiting unless directed to do so by a physician.

Inhalation:

If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.

Dermal exposure:

Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.

Eye exposures:

Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Flammability: Data not available

Suitable Extinguishing Media:

Water spray, carbon dioxide, dry chemical powder, Halon (where regulations permit), or appropriate foam.

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Protective Equipment:

Wear self-contained breathing apparatus and protective clothing to prevent inhalation, ingestion, skin and eye contact.

Specific Hazard(s):

Responders should take into consideration the biohazard risk associated with responding to a fire in the area where the material may be stored or handled

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure(s) of Personal Precaution(s): At a minimum use Personal Protective Equipment (PPE) listed in Section 8. Wear laboratory coat, gloves and eye protection. Avoid all contact.

Methods for Cleaning Up

Patient/Victim:

Wash with soap and water. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home.

Equipment/Environment:

Allow aerosols to settle; wearing protective clothing, gently cover spill with paper towel and apply 1% sodium hypochlorite, starting at perimeter and working towards the center; allow sufficient contact time before clean up (30 min).

Note: The use of additional PPE may be necessary for cleaning solutions.

SECTION 7 HANDLING AND STORAGE

Handle and store according to instructions on product information sheet and label.

Special Requirements: Follow established laboratory procedures when handling material.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Use Personal Protective Equipment:

Including Eye Protection, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

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Engineering Controls:

The use and storage of this material requires user to maintain and make available appropriate eyewash and safety shower facilities. Use fume hood or other appropriate ventilation method to keep airborne concentrations a low as possible.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Data Not Available

SECTION 10 STABILITY AND REACTIVITY

Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Route of Exposure

Eye Contact:	Data not available. Avoid eye contact
Skin Contact:	Data not available. Avoid skin contact
Skin Absorption:	Data not available. Avoid skin absorption.
Inhalation:	Data not available. Avoid inhalation.
Ingestion:	Data not available. Avoid ingestion.
Parenteral Exposure:	Data not available. Avoid parenteral exposure.

11.2 Sensitization

Skin:	Data not available
Respiratory:	Data not available
Target Organ(s) or System(s):	Data not available

11.3 Signs and Symptoms of Exposure

Skin and Mucous Membranes:	Data not available
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Respiratory: Data not available

Gastrointestinal: Data not available

11.4 Toxicity Data: Data not available

11.5 Effects of Long Term or Repeated Exposure: Data not available

11.6 Chronic Exposure–Teratogen: Data not available

11.7 Chronic Exposure–Mutagen: Data not available

11.8 Chronic Exposure–Reproductive Hazard: Data not available

SECTION 12 ECOLOGICAL INFORMATION

No ecological information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Decontaminate all wastes before disposal (steam sterilization, chemical disinfection, and/or incineration).

Dispose of in accordance with applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Contact AMS Biotechnology (Europe) Limited for transport information.

SECTION 15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
Contact AMS Biotechnology (Europe) Limited for more regulatory information.

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