



1. PRODUCT AND COMPANY INFORMATION

Product number: M300, M310, M302, M305, M320, M330

Product name: M3™ Media

Company: INCELL CORPORATION, LLC

Address: 12734 Cimarron Path

City/State/Zip: San Antonio, TX 78249

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Name: M3™ Media with Supplements

Catalog Number: M300, M310, M302, M305, M320, M330

Revision Date: 10Jan2016 **Version:** 1.0

Table 1. Media Designations and Options

Media Designation	Item Number	No Antibiotics	+ Mix of Antibiotics	+Gentamicin only
M3™ base	M300	M300F*	M300A	M300G*
M3:10™	M310	M310F	M310A	M310G*
M3D™	M3DEF	M3DEF	-----	-----
M3:2™	M302	M302F*	M302A*	M302G*
M3:5™	M305	M305F*	M305A*	M305G*
M3:20™	M320	M320F*	M320A*	M320G*

*Special order media; other media are routinely kept in stock

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Clear liquid

Combustible: No

Principle routes of exposure: Skin or eyes.

Potential Health Effects

The toxicological properties of this substance have not been fully investigated. The product has been aseptically prepared as a sterile aqueous solution. The media components are salts, amino acids, buffers, peptides, and carbohydrates that are in a dilute solution in water and should not pose any potential health effects. Some media have antibiotics added (<1% v/v) as described in Table 1. Media designated "F" is free of antibiotics. Media designated "A" contains antibiotics (gentamicin 50µg/ml, penicillin 100units/ml, streptomycin 100µg/ml, and fungizone 0.25µg/ml). Media designated "G" contains only gentamicin (50µg/ml). Peptide cell culture growth supplements are added.

Inhalation: May cause irritation of respiratory tract, but this is a low hazard of the aqueous formulation and with usual aseptic handling in biosafety hood. May pose problem if allergic to antibiotics used.

Ingestion: May irritate digestive tract if swallowed, but this is a low hazard of the aqueous formulation and with usual aseptic handling in biosafety hood. May pose problem if allergic to antibiotics used.

Skin contact: May cause allergic skin reaction, but this is a low hazard of the aqueous formulation and with usual handling that includes wearing gloves and a long-sleeved lab coat or gown, and handling in biosafety hood.

Eye contact: Avoid contact with eyes, but this is a low hazard of the aqueous formulation and with usual handling that includes wearing gloves and a long-sleeved lab coat or gown, and handling in biosafety hood.

Statements of hazard: May cause allergic skin reaction or allergic reaction if allergic to antibiotics in formula.

NFPA ratings: Health:0; Flammability:0; Reactivity:0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name: M3™ Medium

Percent: 100%

CAS#: None

SARA 313: No

Component name: PROPRIETARY AQUEOUS FORMULATION COMPONENTS: Salts, amino acids, buffers, peptides, and carbohydrates, in a dilute solution in water. Optional antibiotics.

Percent: 100% (v/v)

CAS#: None

SARA 313: No

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, or are having an allergic response, seek medical advice.

Inhalation: Move to fresh air. If not breathing, or having an acute allergic response, give artificial respiration, and call a physician immediately.

Skin contact: Rinse immediately with plenty of water. If having an allergic response, seek medical advice if needed.

Ingestion: Do not induce vomiting without medical advice. If conscious and alert, wash out mouth with plenty of water.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water. Seek medical advice, if needed.

Notes to Physician or First Aid Responders: Treat symptomatically and supportively as needed.

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Flash point: N/A

Autoignition temperature: N/A

Suitable extinguishing media: N/A

Special protective equipment for firefighters: None.



Specific hazards: None known
Unusual hazards: None known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Aqueous solution has no known hazards. Use of personal protective equipment, such as gloves and a long-sleeved lab coat, as standard handling procedures for use of the product in cell culture applications.

Environmental precautions: Aqueous solution has no known hazards. If product is added to drains it can be done safely, usually with dilution by adding water upon discard of the product.

Methods for cleaning up: Can use standard absorbent toweling followed by trash discard, or may add absorbent, non-combustible material to spill, such as earth, sand or vermiculite. Sweep up and shovel into suitable disposal containers.

7. HANDLING AND STORAGE

Storage: Refrigeration at 2-8°C in a tightly closed container.

Handling: Aqueous solution has no known handling hazards. Handle this product aseptically when in use for cell culture applications. Wash hands after use. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Do not ingest or inhale.

Safe handling advice: No special safety handling is required. During use for cell culture applications, wear personal protective equipment (gloves and lab coat or gown with long sleeves) and handle aseptically in a biosafety hood.

Incompatible products: Oxidizing, high or low pH materials, and spontaneously flammable products, or those that generate heat that can cause degradation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure proper refrigeration storage facilities, biosafety hoods for handling, adequate ventilation and eyewash stations in case of exposure related to use.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Breathing apparatus might be needed if aerosol or dust from dehydrated or powdered product.

Hand protection: Compatible gloves for aqueous laboratory materials use.

Skin and body protection: No special safety handling is required. Wash exposed areas with soap and water. Usual safety precautions (gloves and lab coats or long-sleeved gowns) while handling the product for cell culture applications should provide adequate protection against this potential effect. Wash contaminated clothing before re-use.

Eye protection: No special safety handling is required. Hood with safety glass, glasses or safety glasses/goggles with side-shields should provide adequate protection.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Clear Liquid
Sterility:	Tests for microbial growth and mycoplasma are negative
pH:	6.9-7.5
Molecular Weight:	N/A
Melting point/range:	N/A
Boiling point/range:	N/A
Density:	N/A
Vapor pressure:	N/A
Evaporation rate:	N/A
Vapor density:	N/A
Solubility (in water):	N/A
Flash point:	N/A
Autoignition temperature:	N/A

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions of refrigeration at 2-8°C

Hazardous decomposition products: None

Materials to avoid: High heat, strong acids, bases, or oxidizing agents will degrade product.

Conditions to avoid: Temperatures exceeding storage temperature and evaporation.

Polymerization: N/A



11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data is available on product itself. None expected based on components and concentrations*.
Chronic toxicity: No data is available on product itself. None expected based on components and concentrations*.
Local effects: No data is available on product itself. None expected based on components and concentrations*.
Specific effects: No data is available on product itself. None expected based on components and concentrations*.
Primary irritation: No data is available on product itself. None expected based on components and concentrations*.
Carcinogenic effects: None expected based on components. No data is available on the product itself.
Mutagenic effects: None expected based on components. No data is available on the product itself.
Reproductive toxicity: None expected based on components. No data is available on the product itself.
**Antibiotics-associated toxicities may occur in sensitive individuals.*

12. ECOLOGICAL INFORMATION

Mobility: None expected based on components. No data available on the product itself.
Bioaccumulation: None expected based on components. No data available on the product itself.
Ecotoxicity effects: None expected based on components. No data available on the product itself.
Aquatic toxicity: None expected based on components. No data available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of as a standard nonhazardous aqueous solution or as advised by your local hazardous waste regulatory authority.
Contaminated packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT **Proper shipping name:** Not Regulated
 UN/Id No: N/A; Not regulated
 TDG (Canada): N/A; Not regulated
 Hazard class: Non-controlled
 Hazard Classifications Not Applicable
 PIH: Not PIH
IATA: Non-hazardous for air transport

15. REGULATORY INFORMATION

USA Classification and Product Information
Include statements as possible eye and skin irritant in product information.
International Regulations
 USA SARA Listed: No
 Canada WHMIS Classification: No
State Notification: N/A

16. OTHER INFORMATION

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End of Safety Data Sheet