

Safety Data Sheet

Growth Factor Master Mix, Control Master Mix, Base Medium, Medium

Updated: 09/06/23

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1. IDENTIFICATION

Product Name(s):

Growth Factor Master Mix (Low Serum or Serum Free)
Control Master Mix (Low Serum or Serum Free)
Base Medium
Medium

Product Code:

GFMM, GF SFMM, CMM, C-SFMM, Medium, Base Medium

Product Use:

Growth Medium, control medium, or base medium for hematopoietic stem and progenitor cell culture

Synonyms:

HALO[®] Master Mix, HemoLIGHT[™] Master Mix, HemoFLUOR[™] Master Mix, Base Master Mix, Background Control Master Mix, GF SEC MM (Growth Factor SEC Master Mix), C-SEC MM (Control SEC Master Mix), IMDM

Supplier:

Preferred Cell Systems[™]
1485 Garden of the Gods Road, Suite 152
Colorado Springs, CO 80907 USA
719-264-6251

Emergency Response: 1-719-264-6251 M-F 8-5pm MST
For research use only

2. HAZARDS IDENTIFICATION

Hazard Classification:

Signal Word: Not Hazardous
Health Hazards: Not Hazardous
Physical Hazards: Not Hazardous
Hazards not otherwise classified or not covered by GHS: None

Specific effects:

Carcinogenic effects - None
Mutagenic effects - None
Reproductive toxicity - None
Sensitization - None
Target Organ Effects - No known effects under normal use conditions

HMIS:

Health / Flammability / Reactivity = 0 / 0 / 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

This product does not contain any hazardous substances at concentration of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No SDS is required.

This product is a mixture of components that may include, but is not limited to, inorganic salts, vitamins, amino acids, carbohydrates, and other nutrients dissolved in water.

4. FIRST AID MEASURES

| | |
|----------------------|--|
| Eye Contact: | May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention. |
| Skin Contact: | May cause skin irritation. Immediately flush with plenty of water. |
| Inhalation: | No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. |
| Ingestion: | No recognized ingestion hazard. If swallowed, drink plenty of water, Get immediate medical attention. |

5. FIRE-FIGHTING MEASURES

| | |
|-------------------------|---|
| Flammable: No | Extinguishing Media: Water spray, Foam, Dry chemical, or Carbon dioxide |
|-------------------------|---|

Specific Fire Fighting procedures:

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------------|---------------------------------------|
| Personal Precautions: | Use personal protection equipment |
| Methods for cleaning up: | Soak up with inert absorbent material |

7. HANDLING AND STORAGE

| | |
|------------------|---|
| Handling: | No special handling procedures are required |
| Storage: | Keep in properly labelled containers and store frozen |

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment:

| | |
|-------------|---|
| Hand: | Protective gloves |
| Skin/Body: | Lightweight protective clothing |
| Respirator: | Not Applicable |
| Footwear: | Not Applicable |
| Eye: | Safety glasses with side-shields |
| Other: | General good laboratory practices and universal handling procedures recommended |

Environmental Exposure Control:

No special environmental precautions required

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|--|---|--|
| Physical State: Liquid | Appearance: Clear, Pink | Odor: None |
| Freezing Point (°C): Approximately 0 | Boiling Point (°C): Approximately 100 | pH: Approximately 7.0-7.8 |
| Flash Point (°C): Not Available | Melting Point (°C): Not Available | Autoignition Temperature (°C): Not Available |
| Oxidizing Properties (°C): Not Available | Water Solubility: Soluble | Viscosity: Not Available |

10. STABILITY AND REACTIVITY

Chemically Stable:

Stable under normal conditions

Materials to Avoid:

No dangerous reaction known under normal use conditions

Hazardous decomposition products:

None under normal use conditions

Hazardous polymerization:

Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

| | | | |
|---------------|-----------------------------|------------------------|------|
| Eye Contact: | May cause eye irritation | Carcinogenicity: | None |
| Skin Contact: | May cause skin irritation | Reproductive Toxicity: | None |
| Inhalation: | May be harmful if inhaled | Mutagenicity: | None |
| Ingestion: | May be harmful if swallowed | Sensitization: | None |

12. ECOLOGICAL INFORMATION

| | |
|-----------------------------|--------------------------|
| Ecotoxicity effects: | Not Available |
| Mobility: | Not Available |
| Biodegradation: | Inherently biodegradable |
| Bioaccumulation: | Does not bioaccumulate |

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with existing practices at your institution in accordance with governing laws.

14. TRANSPORT INFORMATION

| | |
|--------------------|--------------------------|
| DOT Hazard Class: | Non-hazard for transport |
| IATA Hazard Class: | Non-hazard for transport |
| IMDG Hazard Class: | Non-hazard for transport |

15. REGULATORY INFORMATION

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61):

This product does not contain HAPs.

WHMIS hazard class:

Non-controlled

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Preferred Cell Systems™ will not be liable for any damages resulting from handling the above product. All materials and mixtures may present unknown hazards and should be used with caution.

**THIS PRODUCT IS FOR RESEARCH ONLY.
IT IS NOT TO BE ADMINISTERED TO HUMANS.**