

## StemFit Basic03

The information is provided as a service to our customers and is intended only for their use.  
This information is based on technical information believed to be reliable and will be revised  
as new knowledge or experience is gained.

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** StemFit Basic03 (Medium for Stem Cell)

**Product Code:** Not Available

**General Use:** Culture for Stem Cell

**Product Description:** Solution

**MSDS Number:** Not Available

**MANUFACTURER**

**Company Name:** AJINOMOTO CO., INC.

**Address:** 1-15-1, Kyobashi, Chuo-ku, Tokyo 104-8315, Japan

**2. HAZARDS IDENTIFICATION**

**GHS classification:** Not classified

**PHYSICAL HAZARDS:** Not classified

**HEALTH HAZARDS:** Not classified

**ENVIRONMENTAL HAZARDS:** Not classified

**Signal word:** None

**Hazard statements:** Not applicable

**Precautionary statements:** Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredient:** Water, Glucose, Amino acids, Vitamin, Mineral, Growth factors and Protein

**CAS Registry Number:** Not Available

**HS code:** 382100

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**4. FIRST-AID MEASURES**

**INHALATION:** If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

**EYE :** Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician.

**SKIN :** Wash off with soap and plenty of water for at least 15 minutes. Consult a physician.

**INGESTION:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**PROTECTION TO FIRST-AIDERS:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**NOTE TO PHYSICIAN:** This product is containing various ingredients to culture the Stem Cell. The ingredients are, water, glucose, amino acids, vitamin, minerals, growth factors and proteins. These ingredients are almost similar one with the sold mediums used for the culture for ES cell or iPS cell in US, EU or Asian countries.

**5. FIRE-FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:** Data of flash point or ignition temperature are not available.

**EXTINGUISHING MEDIA:** Use carbon dioxide, dry chemical powder, appropriate foam or water spray.

**6. ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Use personal protective equipment. Wash spill site with water after material pickup is complete. Keep in suitable, closed containers for disposal.

**WATER SPILL:** Do not let product enter drains.

**7. HANDLING AND STORAGE**

**HANDLING:** Avoid contact with skin and eyes.

**STORAGE:** Keep container tightly in the freezer of refrigerator.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

EXPOSURE LIMIT VALUES: Not Available

EXPOSURE CONTROLS: Not Available

Occupational Exposure Controls

Engineering controls: Not Available

Personal Protection

Respiratory Protection: NIOSH or MSHA-approved respirator. Mechanical exhaust is required.

Hand Protection: Handle with chemical-resistant gloves.

Eye Protection: Put on safety glasses.

Skin Protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Solution

Odour: Non-odour.

pH: Around pH7

Boiling Point/Boiling Range: Not Available

Melting Point/Melting Range: Almost 0°C

Decomposition Temperature: Not Available

Flash Point: Not Available

Auto Ingestion Temperature: Not Available

Flammability: Not Available

Explosive Properties: Not Available

Oxidizing Properties: Not Available

Vapor Pressure: Not Available

Relative Density: Not Available

Solubility: Solution

Partition Coefficient (n-octanol/water): Insoluble in non-polar solvents.

Viscosity: Not Available

Vapour Density: Not Available

Evaporation Rate: Not Available

**10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Product storage under ambient or heated conditions (Sol. A&B)

STABILITY: Stable for 2years in the freezer (Sol. A&B)

MATERIALS TO AVOID: Room temperature

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS: Not Available

#### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Available

Eye Irritation: Not Available

Skin Irritation: Not Available

Sensitization: Not Available

Repeated Dose Toxicity: Not Available

Chronic Toxicity: Not Available

Mutagenicity: Not Available

Carcinogenicity: Not Available

Reproductive and Developmental Toxicity: Not Available

#### 12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not Available

MOBILITY: Not Available

PRESISTENCE AND BIODEGRADABILITY: Not Available

BIOACCUMIRATIVE POTENTIAL: Not Available

OTHER ADVERSE EFFECTS: Not Available

#### 13. DISPOSAL CONSIDERATION

Comply with all federal, state and local regulations.

Do not dump this product into sewers, on the ground or into any body of water.

#### 14. TRANSPORT INFORMATION

US DEPARTMENT OF TRANSPORTATIONS (DOT)

HS code: 382100

Hazardous Materials: Not regulated.

Hazardous Materials Description and Proper Shipping Name: Not regulated.

Hazardous Class or Division: Not regulated.

Identification Number: Not regulated.

Packing Group (PG) : Not regulated.

Label(s) Required: Not regulated.

#### SEA TRANSPORT

HS code: 382100

IMDG: Not regulated.

Class: Not regulated.

Packing Group (PG) : Not regulated.

UN Number: Not regulated.  
 Proper Shipping Name: Not regulated.  
 Marine Pollutant: Not regulated.

**AIR TRANSPORT**

HS code: 382100  
 ICAO/IATA: Not regulated.  
 Class: Not regulated.  
 Packaging Group (PG) : Not regulated.  
 UN Number: Not regulated.  
 Proper Shipping Name: Not regulated.

**15. REGULATORY INFORMATION**

OSHA STATUS: Not applicable  
 TSCA STATUS: Not applicable

Regulation (EC) 1907/2006 (REACH): Not applicable  
 Regulation (EC) 1272/2008 (CLP): Non Hazardous

CERCLA REPORTABLE QUANTITY (40 CFR 117,302) : Not applicable  
 SARA TITLE III: Not applicable

SECTION 302 (40 CFR 355)

SECTION 311/312 (40 CFR 370)

SECTION 313 (40 CFR 372)

Please refer to any other federal, state and local regulations.

**16. OTHER INFORMATION**

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