



SAFETY DATA SHEET

StemFit For Differentiation (AS401)

*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 For Differentiation
Product Code: AS401
General Use: Culture for Stem Cell
Product Description: Solution
MSDS Number: Not Available

MANUFACTURER

Company Name: AJINOMOTO CO., INC.
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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: Storage in the freezer

STABILITY: Stable for 18 months in the freezer



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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.



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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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