

SAFETY DATA SHEET

Revision Date:	2023/11/02	Version:	6.0
1, Identification of the substance / mixture and of the company/undertaking			
Identification of the substance /preparation			
Product Name:	HFDM-1(+)		
Product No.	2102P05,2102P10		
For research use only. Not intended for human or animal diagnostic therapeutic uses.			
Company / Undertaking Identification			
Manufacturer:	Cell Science & Technology Institute inc. (CSTI)		
Address:	1-16-16 Seikaen , Aoba-ku Sendai, 989-3162 Japan		
Telephone:	TEL : +81-22-399-6608 FAX : +81-22-399-6638		
2, Hazard identification			
GHS Classification:	Classification not possible		
Classification of the substance or mixture :	Not a hazardous substance or mixture.		
Health hazard:	Not hazardous.		
Physical hazards:	Not hazardous.		
Principle Rutes of Exposure/Potential Health effects			
Eyes:	May cause eye irritation with susceptible persons.		
Skin:	May cause skin irritation in susceptible persons.		
Ingalation:	May be harmful by inhalation.		
Ingestion:	May be harmful if swallowed.		
Other hazards:	None.		
3, Composition / information on ingredients			
Mixtures :	No components need to be disclosed according to the applicable regulations.		
4, First-aid measures			
If inhaled:	If breathed in, move person into fresh air.		
Skin contact:	Rinse with plenty of water. If symptoms arise, call a physician.		
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms arise, call a physician.		
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.		
Notes to physician:	Treat symptomatically.		
5, Fire-fighting measures			
Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.		
Unsuitable extinguishing media:	No data available.		
Special hazards arising from the substance or mixture:	No data available.		
Advice for firefighters:	Wear self contained breathing apparatus for fire fighting if necessary.		

6, Accidental release measures	
Personal precautions, protective equipment and emergency procedures:	Wear protective glasses, protective gloves.
Environmental precautions:	Do not let product enter drains.
Methods and materials for containment and cleaning up:	Soak up with inert absorbent material.
7, Handling and storage	
Handling:	Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
Storage:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 2 - 8 °C
8, Exposure controls/Personal protection	
Exposure controls:	Explosion of the product has/ not been confirmed.
Individual protection measures:	Respiratory protection: Mask that has been authenticated in the country Hand protection: Chemical resistant gloves Eye protection: Safety glasses (goggles) Skin protection: Protective clothing
Control of environmental exposure:	Do not let product enter drains.
9, Physical and chemical properties	
Information on basic physical and chemical properties	
Physical state:	liquid
Color:	Orange to red
Odor:	Smell faintly vitamins
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower and upper explosion limit/flammability limit:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	pH 7-8
Kinematic viscosity:	No data available
Solubility:	Water solubility
Partition coefficient n-octanol/water(log value):	No data available

Vapour pressure:	No data available
Density and/or relative density:	No data available
Relative vapour density:	No data available
Particle characteristics:	No data available
10, Stability and reactivity	
Reactivity:	No data available
Chemical stability:	Stable under normal condition.
Possibility of hazardous reactions:	None under normal use.
Conditions to avoid:	No dangerous reaction known under conditions of normal use.
Incompatible materials:	None under normal use.
Hazardous decomposition products:	None under normal use.
Polymerization:	Hazardous polymerization does not occur.
11, Toxicological information	
Acute toxicity (oral/ip):	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity- single exposure:	No data available
Specific target organ toxicity- repeated exposure:	No data available
Aspiration hazard:	No data available
12, Ecological Information	
Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in Soil:	No data available
Hazardous to the ozone layer:	No data available
Other adverse effects:	No data available
13, Disposal Considerations	
Dilute with large amount of water, and dispose in a manner consistent with federal, state and local regulation.	

14, Transport Information

	IATA	IMO	RID/ARD
Shipping Name:	No information available.	No information available.	No information available.
Hazard Class:	Not Regulate	NON	NON
UN number:	Not Regulate	NON	NON
Transportation:	NON HAZARD	NON HAZARD	NON HAZARD

15, Regulatory information

Complies

16, Other information

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