

1 Identification

Product Name: Dulbecco's Modified Eagle's/Ham's F-12 Medium 1:1 (DMEF)

Catalog Number: DFP05

Company: Caisson Laboratories

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Recommended Use:

Restrictions On Use:

2 Hazard(s) Identification

Classification of the Substance or Mixture

GHS Classification:

GHS Label elements, including precautionary statements

Signal Word:

Hazard Statements

Precautionary Statements

Pictograms:

3 Composition / Information on Ingredients

Synonyms:

Formula:

Molecular Weight (g/mol):

CAS Number: n/a

EC Number:

4 First-Aid Measures

General advice:

Route of Exposure

If swallowed: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

In case of skin contact: In case of skin contact, flush with copious amounts of water.

In case of eye contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

If inhaled: In case of skin contact, flush with copious amounts of water.

Most important symptoms and effects, both acute and delayed:

Recommendation for immediate medical care and special treatment needed:

5 Fire-Fighting Measures

Suitable extinguishing media: Water spray, carbon dioxide, Dry chemical powder or appropriate foam.

Special protective equipment and precautions for fire-fighters:

Special hazards arising from the substance or mixture:

Additional Information:

6 Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Environmental precautions:

Methods and material for containment and cleanup:

7 Handling and Storage

Precautions for safe handling: Follow good laboratory practices.

Conditions for safe storage: 2 to 8 °C. Protect from light.

Recommended storage temperature:

Incompatibilities: Strong oxidizers

8 Exposure Controls / Personal Protection

OSHA Permissible Exposure Limits (PELs):

ACGIH Threshold Limit Values (TLVs):

Engineering controls:

Personal Protective Equipment (PPE)

Eye/face protection: Safety glasses or goggles recommended.

Skin protection: Chemical-resistant gloves recommended.

Respiratory protection:

Body protection:

9 Physical and Chemical Properties

Appearance: Orange-red to light yellow powder.

pH: 4-8

Solubility:

Specific Gravity:

Melting Range: n/a

Odor:

Odor Threshold:

Viscosity:

Relative Density:

Evaporation Rate:

Initial Boiling Point and Boiling Range: n/a

Flash Point: n/a

Flammability (Solid, gas):

Flammability Upper/Lower Limits: n/a

Partition Coefficient: n-octanol/water:

Vapor Density:

Vapor Pressure: n/a

Auto-ignition Temperature: n/a

Decomposition Temperature:

10 Stability and Reactivity

Reactivity:

Chemical stability:

Possibilities of hazardous reactions:

Conditions to avoid:

Incompatible materials:

Hazardous decomposition products: Stable. Hazardous Polymerization will not occur.

11 Toxicological Information

Toxicity: n/a

Carcinogenicity

NTP:

IARC:

OSHA:

Reproductive toxicity:

Symptoms associated with overexposure:

Specific target organ toxicity - single exposure:

Specific target organ toxicity - repeated exposure:

Target Organs: none

Medical conditions aggravated by exposure:

Routes of entry:

NIOSH/RTECS:

12 Ecological Information

Toxicity:

Persistence and degradability:

Bioaccumulative potential:

Mobility in soil:

Results of PBT and vPvB:

Other adverse effects:

13 Disposal Considerations

Disposal of Product: Observe all federal, state and local environmental regulations.

Disposal of Packaging: Rinse and dispose according to federal, state and local environmental regulations.

14 Transport Information

DOT (US)

Proper Shipping Name: CHEMICALS, N.O.S (NON-REGULATED)

UN/NA number: None Class: None Packaging group: None Hazard Label: None

Reportable Quantity (RQ):

Poison Inhalation Hazard:

IMDG

Proper Shipping Name:

UN number: Class: Packaging group: Hazard Label:

IATA

Proper Shipping Name:

UN Number: Class: Packaging group: Hazard Label:

15 Regulatory Information

TSCA: Not Listed

SARA Title III

Section 302 (EHS) Ingredients:

Section 313 Ingredients:

Section 304 (EHS/CERCLA) Ingredients:

Section 311/312 Hazard:

16 Other Information

HMIS Rating

Health hazard:

Chronic health hazard:

Flammability: 1



Safety Data Sheet

Physical hazard:

NFPA Rating

Health hazard: 1

Fire hazard: 1

Reactivity: 1

Special Hazard: n/a

Further information:

Revision Date: 17 Dec, 2014