

Material Safety Data Sheet

1 - Product and Company Information

1.1 Product identifier

Product Name : Vitamin B1 Colorimetric Microplate Assay Kit (CAK1175)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Biochemical research/analysis

1.3 Details of the supplier of the safety data sheet

COHESION BIOSCIENCES

Email: custom@cohesionbio.com

2 - Hazards Identification

2.1 Classification of the substance or mixture

Flammable liquids : Category 3

Acute toxicity (Oral) : Category 5

Skin corrosion/irritation : Category 1A

Serious eye damage/eye irritation : Category 1

Corrosive to metals : Category 1

Short-term (acute) aquatic hazard : Category 3

2.2 Label elements

H226 Flammable liquid and vapor.

H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H290 May be corrosive to metals.

H402 Harmful to aquatic life.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3 - Composition/Information on Ingredient

This product contains the following components and mixture of the following substances with non-hazardous additions.

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Acetic acid (CAS#: 64-19-7) < 0.1%

Sodium hydroxide (CAS#: 1310-73-2) < 0.1%

4 - First Aid Measures

Eye Contact: Irrigate with copious amounts of fresh water.

Skin Contact: Wash with clean water or soap and water.

Inhalation: Move to an outside area and breath fresh air. Clear the nose by blowing.

Ingestion: Flush out the mouth with water and drink copious amounts of fresh water. Seek medical advice.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical power or appropriate foam. Prevent contact with skin and eyes.

6 - Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be carefully wiped up with water and removed.

7 - Handling and Storage

Keep receptacles tightly sealed and store according to the instructions in the assay protocol.

8 - Exposure Controls

Safety shower and eye bath, mechanical exhaust required. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Avoid inhalation. Avoid contact with eyes, skin and clothing. Store as indicated on product label. Avoid prolonged or repeated exposure.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, including gloves, safety glasses, dust mask, and a laboratory coat.

SPECIAL PRECAUTIONS: Not for human or drug use. Not for household use.

9 - Physical and Chemical Properties

Refer to 2. Composition/Information On Ingredients.

10 - Stability and Reactivity

STABILITY: Stable under normal handling procedures.

11 - Toxicological Information

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The toxicology of this material has not been fully tested.

12 - Ecological Information

Data not yet available.

13 - Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide buildup in drains.

14 - Transport Information

DOT (US) - Not dangerous goods.

IMDG - Not dangerous goods.

IATA - Not dangerous goods.

15 - Regulatory Information

No information

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. Cohesion Biosciences shall not be held liable for any damage resulting from handling or from contact with the above product.

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