



Phone: 617-419-2019 Email: info@eaglebio.com Web: www.eaglebio.com

MATERIAL SAFETY DATA SHEET

Date printed: February 03, 2008

Date updated: March 28, 2008

Product and Company Information

Product Name: Antioxidant Potential Capacity Assay
Product Number: PAC39-K01
Distributor: Eagle Biosciences

Address: 20A NW Blvd, Suite 112, Nashua, NH 03063 USA
Phone: 617-419-2019
Emergency: 911 (Inside US)
Email: info@eaglebio.com

Composition / Information on Ingredient

Product Name	CAS Number
Test kit for Potential Anti Oxidant (PAO)	None
Kit components:	
1) Standard:	Uric acid (CAS#1198-77-2)
2) Sample diluent:	Bathocuproine solution(CAS#4733-39-5)<5%.
3) Cu ⁺⁺ solution:	CuSO ₄ solution(CAS#7758-99-8) <0.05%.
4) Stop solution:	EDTA solution(CAS#6381-92-6).
5) Micro titer plate:	

The hazards are identified are those associated with following substances. Please refer to individual material safety data sheets.

- A) Bathocuproine solution(CAS#4733-39-5, <5%) in "Sample diluent".
- B) CuSO₄ solution(CAS#7758-99-8, <0.05%) in "Cu⁺⁺ solution".

Hazards Identification

HMIS Rating

Health:

Flammability:

Reactivity:

NFPA Rating

Health:

Flammability:

Reactivity:

First Aid Measures

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious.

Call a physician immediately.

Inhalation Exposure:

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

Call a physician immediately.

Dermal Exposure:

In case of skin exposure, wash out with water for at least 15 minutes.

Remove contaminated clothing. Call a physician immediately.

Eye Exposure:

In case of eye exposure, wash out with water for at least 15 minutes.

Call a physician immediately.

Fire Fighting Measures

Explosion Hazards: N/A

Flash Point: N/A

Autoignition Temperature: N/A

Flammability: N/A

Extinguishing Media: Water spray, carbon dioxide or dry chemical powder.

Firefighting: Wear self –contained breathing apparatus and protective clothing to prevent with skin and eyes.

Accidental Release Measures

Procedure of Personal Precautions:

Wear respirator, chemical safety goggles, rubber boots and rubber gloves.

Clean-Up Procedure:

Spilled material should be wiped up.

Handling and Storage

Store at room temperature.

Exposure Controls

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: respirator.

Hand: rubber gloves.

Eye: goggles:

General Hygiene Measures:

Wash thoroughly after handling. Wash contaminated clothing before re-use.

Stability and Reactivity

Stability: Stable.

Materials to Avoid: N/A.

Hazardous Decomposition Products: Nature of decomposition products is not known.

Toxicological Information

Route of Exposure:

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: May cause irritation at mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Ecological Information

N/A

Disposal Information

Contact a professional waste disposal service to dispose this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all environmental regulations.

Transport Information

This substance is considered to be Non-Hazardous for transport.

This substance is considered to be Non-Hazardous for air transport.

Regulatory Information

United States Classification and Label Text:

United States Regulatory Information:

SARA Listed: No.

Other Information

This substance is For Research Use Only.

Not for drug, diagnostic, or other uses.