1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: EnzyChrom™ Monoamine Oxidase Assay Kit
Item Number: EMAO-100
Manufacturer: BioAssay Systems
3191 Corporate Place
Hayward, CA 94545. USA
Tel: 510-782-9888; Fax: 510-782-1588
Email: info@bioassaysys.com

2. HAZARDS IDENTIFICATION

GHS Classification
Acute toxicity, Oral (Category 3), H301
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319

GHS Label elements, including precautionary statements
Signal word: Warning
Hazard statements
H301 Toxic if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
Precautionary statements
P273 Avoid release to the environment.
P280 Wear protective gloves/clothing and eye/face protection.
P302 + P352: Do not work with material and place into containers for later disposal.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
P312 Call a doctor/physician if you feel unwell.
P335 If breathed in: Get medical advice/attention.
P336 If feels and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Assay Buffer: 12 mL Liquid
Non-hazardous
p-Tyramine: 120 µL Liquid
Contains 0.1-3% 4-(2-aminoethyl) phenol (CAS #: 60-19-5)
Dye Reagent: 120 µL liquid
Contains 10-99% dimethyl sulfoxide (CAS#: 67-68-5)
HRP Enzyme: 120 µL Liquid
Non-hazardous
Pargyline: 50 µL Liquid
Contains <0.5% pargyline hydrochloride (CAS #: 306-07-0)
Clorgyline: 50 µL Liquid
Contains 0.8% clorgyline hydrochloride (CAS #: 17780-75-5)
Hydrogen Peroxide: 100 µL Liquid
Contains 3% hydrogen peroxide (CAS#: 7722-84-1).

4. FIRST AID MEASURES

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

Inhalation: Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Ingestion: Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

5. FIRE FIGHTING MEASURES

Extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Keep unnecessary people away; isolate hazard area and deny entry. Small spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal. Do not flush to sewer or waterways. Prevent release to the environment if possible.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Follow standard laboratory safety procedures, including wearing chemical safety goggles, face shield, gloves, NIOSH approved respiratory protection and protective clothing. Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to 3. Composition/Information On Ingredients.

10. STABILITY AND REACTIVITY

The above information is believed to be accurate, but does not purport to be all inclusive and shall be used only as a guide. BioAssay Systems makes no warranty, express or implied, and assumes no responsibility as to the accuracy or suitability of such information or application to the User's intended purpose or for consequences of its use. The Users should make independent decisions regarding the completeness of information based on all sources available.

11. TRANSPORT INFORMATION

Proper Shipping Name: Assay Kits
DOT (US) - Not dangerous goods.
IMDG - Not dangerous goods.
IATA - Not dangerous goods.
Additional Transport Information: transport in accordance with local, state and national regulations.

12. DISPOSAL INFORMATION

Dispose in accordance with local, state or national regulations.

13. TRANSPORT INFORMATION

Proper Shipping Name: Assay Kits
DOT (US) - Not dangerous goods.
OSHA Hazards: Target Organ Effect.

14. REGULARITY INFORMATION

OSHA Hazards: Target Organ Effect.

SAR 311/312 Hazards: Chronic Health Hazard.

16. OTHER INFORMATION

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