**** MATERIAL SAFETY DATA SHEET ****

MSDS Name: Human Interferon-γ (IFN-γ) ELISA Kit

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Human Interferon-γ (IFN-γ) ELISA Kit
Catalog Numbers: CRS-A017

Company Identification: ACROBIOSYSTEMS INC
For information, call: +1 800-810-0816

**** SECTION 2 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Eye: Potassium chloride can cause eye irritation, including redness, tearing, and possible abrasions.
Skin: Sodium Phosphate is a corrosive material and can cause burns.
       Sensitization possible through skin contact and inhalation.
Ingestion: Material can be irritating to mucous membranes and respiratory tract.
       Sensitization possible through mouth and inhalation.
Inhalation: Inhalation of high concentrations of dust may cause nasal or lung irritation.
       Ingestion of large quantities can produce gastrointestinal irritation and vomiting.
Chronic: N/A

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

The product contains no substances which at their given concentration, are considered to be hazardous to health.
We recommend handling all chemicals with caution.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes: Rinse opened eye for at least 15 minutes under running water, lifting upper and lower eyelids occasionally.
       Seek medical attention.
Skin: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes.
       Seek medical attention.
Ingestion: swallowed and patient is conscious, induce vomiting. Seek medical attention immediately.
Inhalation: In case of unconsciousness, place patient on side position for transportation.
       If not breathing, give artificial respiration. Supply fresh air or oxygen; seek medical attention immediately.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Personal Precautions: Use personal protective equipment.
Methods for Cleaning Up: Take up mechanically and collect in suitable container for disposal.

**** SECTION 7 - HANDLING AND STORAGE ****

Handling: Wear personal protective equipment.
Storage: Keep in properly labelled containers.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls: Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment
Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.
Hand Protection: Protective gloves.
Eye Protection: Safety glasses with side-shields.
Skin and Body Protection: Lightweight protective clothing.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.
Environmental Exposure: Prevent product from entering drains.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

General Information
Important Health Safety and Environmental Information

**Boiling Point/Range**
° C No data available
°F No data available

**Melting Point/Range**
° C No data available
°F No data available

**Autoignition Temperature**
° C No data available
°F No data available

**Oxidizing Properties**
No information available

**Water Solubility**
No data available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Stability
Stable.

Materials to Avoid
No information available.

Hazardous decomposition
No information available.

Polymerization
Hazardous polymerisation does not occur.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

**Acute Toxicity**

**Principle Routes of Exposure**

**Potential Health effects**

**Eyes**
May cause eye irritation with susceptible persons.

**Skin**
No information available.

**Inhalation**
May cause irritation of respiratory tract.

**Ingestion**
May be harmful if swallowed.

**Specific effects (Long Term Effects)**

**Carcinogenic e**
No information available.

**Mutagenic E**
No information available.

**Reproductive T**
No information available.

**Sensitization**
No information available.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**Ecotoxicity E**
No information available.

**Mobility**
No information available.

**Biodegradation**
Inherently biodegradable.

**Bioaccumulation**
Does not bioaccumulate.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in accordance with local regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation information-DOT/IATA/IMDG
Not dangerous goods. Be available for any mode of transportation.

**** SECTION 15 - REGULATORY INFORMATION ****


Safety, health and environmental regulations/legislation specific for the substance or mixture—no data available

Chemical Safety Assessment---For this product a chemical safety assessment was not carried out

**** SECTION 16 - OTHER INFORMATION****

For research use only

**Reported by:**

**Company Name:** ACROBIOSYSTEMS INC
**Date:** 05/30/2024