

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

MSDS Name: Human 4-1BB / TNFRSF9 (24-86) Protein, His Tag

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

MSDS Name: Human 4-1BB / TNFRSF9 (24-86) Protein, His Tag

Catalog Numbers: 41B-H52H9

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.

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