

**MSDS - Material Safety Data Sheet****Product Name: REACT Ethylene Glycol Test Kit ( White Cap Vial )**

MSDS No.: 0078c

**I. Basic Information:****Manufacturer:** Pegasus Laboratories, Inc.**Address:** 8809 Ely Road**City, ST Zip:** Pensacola, FL 32514**Emergency Contact:** Chemtrec**Emergency Telephone Number:** 800-424-9300**Contact:** Carl Causey**Information Telephone Number:** 850-475-3554**Last Update:** 07/21/2009**Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
NI	Enzyme	1 - 5									
57501	Sucrose	92 - 98			X			15 mg/m3	10 mg/m3	NI	

**III. Hazardous Identification:****Hazard Category:**
 Acute
  Chronic
  Fire
  Pressure
  Reactive
**Hazardous Identification Information:**

Exposure to large quantities of this material either by ingestion or inhalation (dust ) may cause irritation of eyes, skin, upper respiratory system; cough.

**IV. First Aid Measures:****Route(s) of Entry:**

Contact, inhalation, and ingestion are primary routes of entry.

**Health Hazards (Acute and Chronic):**

EYES: Eye contact with product may cause irritation and redness.

SKIN: Contact with skin may cause skin irritation and redness.

INHALATION: Inhalation may cause irritation, headache, nausea and drowsiness.

INGESTION: Ingestion may cause irritation and nausea.

**Signs and Symptoms:**

NI

**Medical Conditions Generally Aggravated by Exposure:**

NI

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#### **Emergency and First Aid Procedures:**

Eyes: Immediately flush eyes with large quantity of water for 10 to 15 minutes. Get medical attention.

Skin: Flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing. Thoroughly clean clothing and shoes before reuse.

Inhalation: Immediately remove victim to fresh air.

Ingestion: Have victim drink water or milk to dilute. Do not induce vomiting. Call a physician or poison control center immediately.

#### **Other Health Warnings:**

NI

#### ***V. Fire Fighting Measures:***

**Flash Point:** ND

**Lower Explosive Limit:** ND

**Upper Explosive Limit:** ND

**F.P. Method:** NA

**Fire Extinguishing Media:** CO2, dry chemical, foam, water spray/fog.

#### **Special Fire Fighting Procedures:**

Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel. Firefighters should wear full-face, self-contained breathing apparatus and protective clothing. Prevent pollution of ground water from fire control run-off.

#### **Unusual Fire and Explosion:**

NI

#### ***VI. Accidental Release Measures:***

##### **Steps to be Taken in Case Material is Released or Spilled:**

In case of spills, contain and dispose of in accordance with federal, state and local regulations. Ventilate spill areas.

#### ***VII. Handling and Storage:***

##### **Precautions to be Taken:**

Protect container against physical damage. Store in a cool, dry area, inaccessible to children.

##### **Other Precautions:**

None.

#### ***VIII. Exposure Controls/Personal Protection:***

##### **Ventilation Requirements:**

Handle in a well ventilated area. Where excessive exposure is likely, use NIOSH / MSHA Approved protection equipment.

##### **Personal Protective Equipment:**

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SKIN PROTECTION: Wear gloves and other protective clothing if there is potential for prolonged / repeated skin contact.

EYE PROTECTION: Wear safety glasses and chemical safety goggles whenever there is possibility of contact with the eyes.

OTHER PROTECTIVE EQUIPMENT: Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

**IX. Physical and Chemical Properties:****Boiling Point:** NA**Melting Point:** ND**Evaporation Rate (Butyl Acetate = 1):** NA**Vapor Pressure (mm Hg.):** ND**Specific Gravity (H2O = 1):****Vapor Density (AIR = 1):** NA**Solubility In Water:** Soluble**Appearance and Odor:** Creamy white to light yellow fine powder.**Other Information:****X. Stability and Reactivity:****Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

Avoid contact with bleaching agents and oxidizers.

**Decomposition/By Products:**

If product is burned, carbon monoxide, carbon dioxide and miscellaneous organic compounds are produced ( some potentially toxic ).

**Hazardous Polymerization:**

Will not occur.

**XI. Toxicological Information:**

NI

**XII. Ecological Information:**

NI

**XIII. Disposal Considerations:**

Dispose of at an approved facility in accordance with applicable regulations under RCRA and in accordance with all federal, state and local regulations,

**XIV. Transport Information:**

DOT PROPER SHIPPING NAME: NI

DOT HAZARD CLASS: NI

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OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All the ingredients in this mixture are on the TSCA Chemical Substances Inventory or are exempt.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

**XVI. Other Information:**

REASON FOR ISSUE: New MSDS in the ANSI Z400.1-1998 format

NOTE: NA means not applicable.

ND means not determined.

NI means not indicated

The information and statements in this Material Safety Data Sheet are believed to accurately reflex the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.