

# SAFETY DATA SHEETS

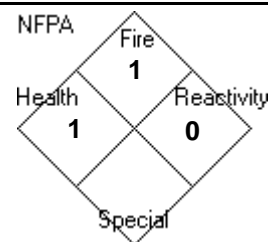
**This SDS packet was issued with item:**

078067055

N/A

**MSDS - Material Safety Data Sheet****Product Name: High Energy Supplement**

MSDS No.: 0039

**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:** 850-478-2770**Last Update:** 02/20/2003**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					
9003014	Acrylic Polymer	1-5							NI	NI	NI
1185575	Ferric ammonium citrate	0.05-0.5							NI	NI	NI
57556	Propylene glycol	90-98							NI	NI	NI

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

Propylene glycol mist may cause mild irritation to the eyes and irritation to the upper respiratory tract if inhaled. Repeated contact with the skin may cause flaking and softening.

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

Contact, Inhalation, and Ingestion

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

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

Skin: Contact with skin may cause irritation.

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

Ingestion: Ingestion may cause irritation and nausea if administered in dosages other than prescribed.

**Signs and Symptoms:**

# MSDS - Material Safety Data Sheet

## Product Name: High Energy Supplement

MSDS No.: 0039

NI

**Medical Conditions Generally Aggravated by Exposure:**

NI

**Emergency and First Aid Procedures:**

Eyes: Immediately flush eyes with large quantity of water for 10-15 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 move victim to fresh air.

Ingestion: For an overdose, have victim drink water or milk to dilute. Call a physician immediately. Induce vomiting only if advised by a physician.

**Other Health Warnings:**

NI

### V. Fire Fighting Measures:

**Flash Point:** >200F

**Lower Explosive Limit:** NI

**Upper Explosive Limit:** NI

**F.P. Method:** TCC

**Fire Extinguishing Media:** Dry chemical, water spray/fog, foam and carbon dioxide.

**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 apparatuses 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 area and flush area with water.

### VII. Handling and Storage:

**Precautions to be Taken:**

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

**Other Precautions:**

NI

### VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

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

**Personal Protective Equipment:**

# MSDS - Material Safety Data Sheet

## Product Name: High Energy Supplement

### MSDS No.: 0039

Wear gloves and protective clothing if there is potential for prolonged/repeated skin contact. Wear safety glasses and chemical safety goggles whenever there is the possibility of contact with the eye.

### IX. Physical and Chemical Properties:

**Boiling Point:** >300 F

**Melting Point:** NI

**Evaporation Rate (Butyl Acetate = 1):** <0.01

**Vapor Pressure (mm Hg.):** NI

**Specific Gravity (H<sub>2</sub>O = 1):** 1.04000

**Vapor Density (AIR = 1):** NI

**Solubility In Water:** Soluble

**Appearance and Odor:** Dark brown viscous liquid

**Other Information:**

Density = 8.7 lbs./gal.

### 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:

NI

### XV. Regulatory Information:

# *MSDS - Material Safety Data Sheet*

## *Product Name: High Energy Supplement*

### *MSDS No.: 0039*

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

TSCA STATUS: The ingredients of this product are on the TSCA inventory.

CERCLA REPORTABLE QUANTITY: None

#### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate and delayed 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 Z 400.1-1998 format.

NI= Not Indicated.

>= Greater Than

<= Less Than

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard identification 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 circumstance 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.

# SAFETY DATA SHEET

Issue Date 20-May-2014

Revision Date 02-Jul-2014

Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** High Energy Supplement

### Other means of identification

**Product Code** PRN FP 90010200

### Recommended use of the chemical and restrictions on use

**Recommended Use** Nutritional Supplements.

**Uses advised against** No information available.

### Details of the supplier of the safety data sheet

#### **Supplier**

Pegasus Laboratories, Inc.  
8809 Ely Road  
Pensacola, FL 32514

#### **Company Name**

Pegasus Laboratories, Inc.  
8809 Ely Road  
Pensacola, FL 32514

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **Classification of the substance or mixture**

Per manufacturer guidance, this product is not considered hazardous when used as intended in its manufactured form. OSHA's Globally Harmonized System (GHS), which is based on overall hazard potential and is not risk-based, may assign classifications and hazards that could conflict with this statement. Do not use product in a manner inconsistent with product label/insert instructions.

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids

Category 4

### Label elements

#### **Emergency Overview**

#### **Warning**

Combustible liquid.

**Appearance** Viscous Liquid

**Physical state** Liquid

**Odor** Vitamin

#### **Precautionary Statements - Prevention**

- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Wear protective gloves/protective clothing/eye protection/face protection

In case of fire: Use CO2, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

- Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Product is intended for consumption. Please see the product label for instructions for use and precautions.

**Other Information**

2% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Propylene Glycol	57-55-6	90-98	*
Ferric Ammonium Citrate Brown Powder	1185-57-5	0.05-0.5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Product is intended for consumption. Please see the product label for instructions for use and precautions.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical. Water spray (fog). Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Incompatible with oxidizing agents. Bleaching agent.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ferric Ammonium Citrate Brown Powder 1185-57-5	TWA: 1 mg/m <sup>3</sup> Fe	(vacated) TWA: 1 mg/m <sup>3</sup> Fe	TWA: 1 mg/m <sup>3</sup> Fe

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special technical protective measures are necessary.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid



<b>Appearance</b>	Viscous Liquid	<b>Odor</b>	Vitamin
<b>Color</b>	Dark brown	<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not Available	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	> 149 °C / 300 °F	
<b>Flash point</b>	> 93 °C / > 200 °F	CC (closed cup)
<b>Evaporation rate</b>	< 0.01	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No information available	
<b>Lower flammability limit:</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific Gravity</b>	1.04	
<b>Water solubility</b>	Soluble in water	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

**Density** 8.7 lbs./gal.

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous polymerization**

Will not occur.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Incompatible with oxidizing agents. Bleaching agent.

**Hazardous Decomposition Products**

May emit toxic fumes under fire conditions. Hydrocarbons. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause irritation.
<b>Skin Contact</b>	May cause irritation.

**Ingestion** May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20000 mg/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-

#### Information on toxicological effects

**Symptoms** No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.  
 IARC (International Agency for Research on Cancer)  
 Not classifiable as a human carcinogen  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 2% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 21443 mg/kg  
**ATEmix (dermal)** 22301 mg/kg

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene Glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50		10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

#### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

### DOT

#### Description

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

FEED SUPPLEMENTS, NMFC #67075

## 15. REGULATORY INFORMATION

This chemical is classified as a food, food additive, color additive, drug, cosmetic, or medical or veterinary device or product, and is therefore subject to labeling requirements under the Food and Drug Administration. These requirements differ from the classification criteria and hazard information required for safety data sheets and workplace labeling of chemicals.

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not Applicable

### International Inventories

<b>TSCA</b>	Not Listed
<b>DSL/NDSL</b>	Not Listed
<b>EINECS/ELINCS</b>	Not Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	Not Listed
<b>KECL</b>	Not Listed
<b>PICCS</b>	Not Listed
<b>AICS</b>	Not Listed

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Propylene Glycol	X	X		X		X	X	X	X	X
Ferric Ammonium Citrate Brown Powder	X	X		X			X	X	X	X

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ferric Ammonium Citrate Brown Powder 1185-57-5				X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ferric Ammonium Citrate Brown Powder 1185-57-5	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X		X
Ferric Ammonium Citrate Brown Powder 1185-57-5	X	X	X

**International Regulations****Mexico - Grade**

Slight risk, Grade 1

Chemical Name	Carcinogenicity	Exposure Limits
Ferric Ammonium Citrate Brown Powder		Mexico: TWA 1 mg/m <sup>3</sup> Mexico: STEL 2 mg/m <sup>3</sup>

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 0	Flammability 1	Physical hazards 0	Personal protection X

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of PBI Gordon Corporation's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. PBI GORDON CORPORATION MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. PBI Gordon Corporation assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

**End of Safety Data Sheet**