

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:

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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:

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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 (H₂O = 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:

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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: 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.

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Issue Date 20-May-2014

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Version 3

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

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)

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.

Please see the 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. Number	Weight %
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

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	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 (CO₂).

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 ³ Fe	(vacated) TWA: 1 mg/m ³ Fe	TWA: 1 mg/m ³ 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	Odor	Vitamin
Appearance	Viscous Liquid	Odor threshold	No information available
Color	Dark brown		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not Available	

Melting point/freezing point	No information available	
Boiling point / boiling range	> 149 °C / 300 °F	
Flash point	> 93 °C / > 200 °F	CC (closed cup)
Evaporation rate	< 0.01	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.04	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Oxidizing properties	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

Keep out of reach of children.

Incompatible materials

Incompatible with oxidizing agents. Bleaching agent.

Hazardous Decomposition Products

May emit toxic fumes under fire conditions. Hydrocarbons. Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

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

Inhalation May cause irritation of respiratory tract.

Eye contact May cause irritation.

Skin Contact May cause irritation.

Ingestion May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20 g/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 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		1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50

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, unless specified by the manufacturer.

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

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

Acute health hazard No
Chronic Health Hazard No
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard 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

