



Health	1
Fire	1
Reactivity	0
Personal Protection	G

MATERIAL SAFETY DATA SHEET

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name	Nutriair Energy
Product Use	Nutritional Supplement
Company Name	NV Nutrition, LLC.
Company Address	4700 140 th Ave. N, Clearwater, FL 33762
Date Issued	02/03/20

Section 2. HAZARDS IDENTIFICATION

Emergency Overview: This mixture is a product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.	
Eye:	Eye contact with the product may produce mild transient, superficial irritation.
Skin:	Low potential for dermal irritation in finished consumer product.
Inhalation:	Low potential for inhalation effects in finished consumer product.
Ingestion:	Possible mild gastrointestinal irritation with nausea and vomiting and diarrhea, if large quantities are ingested.

Section 3. COMPOSITION AND INGREDIENTS

Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section 2 of this MSDS.

3a. Liquid Mixture (0.45 ml absorbed in a poly - fill wadding contained in device): Device contains less than or equal to the concentration printed on the label. Main ingredients are Propylene Glycol, and Vegetable Glycerin. Propylene Glycol and Vegetable Glycerin are both inert and GRAS (generally regarded as safe) by the USFDA (US Food and Drug Administration). There is no nicotine (0.0 mg /ml or 0% by volume)

Principal Components	CAS Number	Conc. %
Propylene Glycol	57-55-6	49.5
Vegetable Glycerin	56-81-5	49.5
Caffeine	58-08-2	<1

L-Theanine	3081-61-6	<1
Vitamin B-12	68-19-9	<1
Menthol	2216-51-5	<1
3b. Lithium ion polymer battery (contained in device) is nominal 3.7 V, nominal 110 mAh capacity, and 0.41 Wh. Li ion polymer Cell/Battery is a mixture		
Hazardous Ingredients (Chemical name)	CAS Number	Conc. %
Aluminum Foil (Al)	7429-90-5	10
Copper Foil (Cu)	7440-50-8	15
Lithium Cobalt Oxide	1219-79-3	35
Grphite	7782-42-5	25
LiPF6	24324-40-3	12
Other	N/A	3%

Section 4. FIRST AID MEASURES

Liquid Mixture and Lithium ion polymer cell/battery	
Eye:	Transitory irritation is expected with accidental exposure to the eye and/or eyelid. Routine eye flush is recommended along with careful follow-up to assure that the product has been completely removed and the irritation is clearing. If irritation is extreme or persists, see a physician.
Skin:	Avoid contact with broken or damaged skin. If unusual or severe redness or irritation occurs as a result of skin contact, remove the product with the warm water and mild soap. If irritation persists, see a physician.
Inhalation:	Not applicable under normal conditions of use.
Ingestion:	Do not induce vomiting. Dilute with fluids (water or milk) and treat symptomatically
Additional First Aid Measures: None	

Section 5. FIRE FIGHTING MEASURES

5a. Liquid Mixture (0.45 ml absorbed in a poly - fill wadding) - Fire Fighting Media and Instructions: Wear full protective equipment and self -contained breathing apparatus with independent air circulation if a large amount of material is exposed to fire. Containers exposed to fire or high temperatures may release toxic fumes			
Flash Point:	Vegetable Glycerin: Closed Cup, 160°C (320°F), Open Cup, 177°C (351°F) Propylene Glycol: Closed Cup, 99°C (210°F), Open Cup 107°C (225°F)	Flash Point test method:	Closed cup flashpoint

Auto-ignition Temperature:	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Not available <input type="checkbox"/> deg. C <input type="checkbox"/> deg. F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media:	Use water spray, alcohol foam, or carbon dioxide .		
Explosion Hazards:	Can burn, releasing toxic vapors		
Special Instructions:	None		

5b. Lithium-ion polymer cell/battery	
Flammable properties	In the event has been ruptured, the electrolyte solution contained within the battery would be flammable. Like any sealed container, battery cells may rupture when exposed to excessive heat: this could result in the release of flammable or corrosive materials
Suitable extinguishing media	Use extinguishing media suitable for the materials that are burning (i.e. Water, CO ₂)
Unsuitable extinguishing media	Not available
Explosion data	Sensitivity to Mechanical impact: This may result in rupture in extreme cases Sensitivity to Excessive Heat: Cell may vent when subjected to excessive heat-exposing battery contents
Specific Hazards arising from the chemical	Carbon monoxide, carbon dioxide, lithium oxide fumes
Protective Equipment and Precautions for firefighters	Use NIOSH/MSHA approve full-face self-contained breathing apparatus (SCBA) with full protective gear
NFPA	Health: 0 Flammability: 0 Instability: 0

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Safeguards:	Restrict access to area until completion of clean-up. Do not touch the spilled material. Wear appropriate personal protective equipment.
Environmental Precautions:	Treat dispose in accordance with all regulations. Absorbs spills with inert material. Prevent material from contaminating soil and from entering sewers or waterways.
Methods and materials for Containment	Stop the leak if safe to do so. Contain the spilled liquid with dry sand or earth. Clean up spills immediately.
Spill Clean-up Procedures:	If battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. Wipe it up with a cloth and dispose of it in a plastic bag and put into a steel can. The preferred

	response is to leave the area and allow the battery to cool and vapors to dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate
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Section 7. HANDLING AND STORAGE	
Recommended Storage Temperature:	Store at room temperature.
Personal Precautions for Safe Storage and Handling:	Avoid contact with eyes
Conditions for Safe Storage:	Store at room temperature. Avoid direct sunlight.
Lithium-ion polymer cell/battery	Battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Do not short circuit terminals, or over charge the batter, forced over-discharge, throw to fire. Do not crush or puncture the battery or immerse in liquid. Mechanical or electrical abuse. Storage preferably in cool, dry and ventilated are, which subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods
Other Precautions:	None known

Section 8. EXPOSURE CONTROLS, PERSONAL PROTECTION	
This section only applies to the product when used in an industrial setting.	
Ventilation:	For bulk mixture: Local exhaust ventilation may be needed for control.
Eye Protection:	For bulk mixture: Use chemical splash goggles and face shield.
Respiratory Protection:	For bulk mixture: Respiratory protection may be needed.
Skin Protection:	For bulk mixture: Nitrile or PVC gloves are recommended.
Other Special Protection:	None

Section 9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance/color:	Oily liquid mixture	Melting Point:	Not available
Odor:	Mint	Boiling Point:	Not available
Odor Threshold:	Not available	Solubility in Water:	Insoluble
Physical State:	A poly-fill wadding enclosed in plastic housing with a	Vapor Pressure (mm Hg):	Not available

	lithium ion polymer battery		
Vapor Density:	Not available	Specific Gravity (H ₂ O=1):	Not available
pH:	Not available	Other Data:	Product complies with State and Federal regulations for VOC content.

Section 10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reaction:	None known
Incompatibility:	None known
Hazardous Decomposition Products:	None known

Section 11. TOXICOLOGICAL INFORMATION

Chronic Effects:	No chronic health effect reported.
Target Organs:	No target organs reported
Carcinogenicity:	This finished consumer product is not carcinogenic.
NTP:	No
LARC:	No

Section 12. ECOLOGICAL INFORMATION

Relevant ecotoxicity and fate data for ingredients in this formulation have been reviewed. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

Section 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.

Households: Product is safe for disposal down the drain after use.

Industrial Setting:

Agency	Requirement
US EPA	This material is not considered a hazardous waste under United State Resource Conservation and Recovery Act when disposed.

Section 14. TRANSPORTATION INFORMATION

Agency	Classification
US DOT (transportation by ground)	This material is not regulated in non-bulk quantities
IMDG (transportation by sea)	Non-regulated
IATA (transportation by air)	This material is not regulated for air transportation according to the ICAO Technical Instructions or IATA requirements.
<p>Non-DG –Material contents are not Dangerous Goods and can be transported on both passenger and cargo aircraft according to applicable international and National Government Regulations and International Air Transport Association (IATA) guidelines and regulations.</p> <p>The Li-ion battery complies with the UN Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods regulations, applicable U.S. DOT regulations for the safe transport of the LI-ion battery. The Li-ion battery has been tested under provisions of the UN Manual of Tests and Criteria, Part III, subsection 38.3 and is classified as a non-dangerous goods as per 58th IATA DGR 2017.</p> <p>Lithium ion cell/battery contained in equipment = UN3481 with Section II of PI967 Lithium ion: Content in Watt-hour (Wh) AND Lithium ion cell = less than 1Wh per cell Lithium ion battery = less than 1 Wh per battery</p> <p>Transport fashion: Land Transport ADR/RID (cross-border) Sea transport IMDG Air Transport ICAO-TI and IATA-DGR</p>	

Section 15. REGULATORY INFORMATION

Not currently regulated by the USFDA
Non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 16. OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by NV Nutrition, LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all- inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. NV Nutrition, LLC assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.