



A DIVISION OF GFP GLOBAL INC.

## MATERIAL SAFETY DATA SHEET

Issue Date 05/01/15

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### PRODUCT IDENTIFICATION

Product Name

**NRG Organic Bypass Fat**

**Product Use:** Animal Feed Supplement

**Chemical Name:** Mixture

**Synonyms/Common Names:** Animal Feed Supplement

Emergency Phone

1-800-424-9300

Medical Emergency Phone

1-888-234-1828

Customer Information

1-208-731-4800

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### Hazards Identification

#### EMERGENCY OVERVIEW

Tan to light brown granular material

Fatty characteristic odor

Dust explosion hazard when sufficient dust concentrations are present

No significant health or environmental effects associated with this material

#### HMIS RATING

Health 1

Fire 1

Reactivity 0

#### Potential Health Effects

EYE: Mild irritation is possible

SKIN CONTACT: Mild irritation is possible

INGESTION: Not toxic

INHALATION: May irritate respiratory membranes

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Not listed as carcinogenic by NTP, IARC, OSHA, NIOSH, or ACGIH

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### COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients (% by Weight)

Calcium Salts of Long Chain Fatty Acids

AAFCO Number

33.14

CAS Number

Not Applicable



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### FIRST AID MEASURES

**EYES:** IMMEDIATELY FLUSH EYES WITH A DIRECTED STREAM OF WATER for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all the eyes and lid tissue. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**SKIN:** Wash thoroughly with soap and water. Remove contaminated clothing and discard or wash before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

**INGESTION:** Although, not intended for human consumption, no toxic effects would be expected for accidental ingestion.

**INHALATION:** Remove to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration has stopped, have a trained person administer artificial respiration. GET MEDICAL ATTENTION IMMEDIATELY.

### FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: 438°F (225° C)

METHOD USED: Cleveland Open Cup

SMOKE POINT: 288°F (142° C)

FIRE POINT: 568°F (298° C)

FLAMMABLE LIMITS

LFL: Not Applicable (Vapors Do Not Burn)

UFL: Not Applicable (Vapors Do Not Burn)

EXTINGUISHING MEDIA: CO<sup>2</sup> OR Dry Chemical for small fires; Foam for large fires.

FIRE FIGHTING INSTRUCTIONS: Carbon Monoxide (toxic) and calcium oxide dust (caustic irritant) may be generated making necessary the use of a self-contained breathing apparatus (SCBA) and full protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Moderate dust explosion.

DUST AUTOIGNITION POINT: 883°F (472° C)

METHOD USED: Godbert – Greenwald

MAXIMUM EXPLOSION PRESSURE: 82 lbs. /in<sup>2</sup> @ 0.5 oz. /cu ft.

METHOD USED: Hartman

-RELATIVE EXPLOSION HAZARD: ST-1 Class, NFPA 68-1978

### ACCIDENTAL RELEASE MEASURES

Scoop up into dry, clean containers.

### HANDLING AND STORAGE

Store in a cool dry place. Temperature should not exceed 90° F (32° C) and relative humidity should not exceed 75%.

During handling, ventilation should be adequate to maintain airborne concentrations below 10 mg/M<sup>3</sup>. Where possible, eliminate ignition sources where dust is present.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Dust mask required if total dust levels exceed 10 mg/M<sup>3</sup>.



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PROTECTIVE GLOVES: General purpose for handling dry product.  
EYE PRETECTION: Safety glasses; do not wear contact lenses  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Full cover clothing.  
PROTECTIVE WORK/HYGENIC PRACTICES: No special requirements

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### PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Tan to light brown granular material.  
ODOR: Characteristic musty, fatty odor  
PHYSICAL STATE: Solid  
PH AS IS: Not Applicable  
PH (1% solution w/v): Not applicable  
VAPOR PRESSURE: 1 mm  
VAPOR DENSITY: Not applicable  
BOILING POINT: Not applicable  
FREEZING/MELTING POINT: Not applicable (decomposes at 150° C)  
SOLUBILITY IN WATER: negligible  
SPECIFIC GRAVITY (Water = 1):  
BULK DENSITY: (LB/Ft<sup>3</sup>): 31 – 33  
% VOLATILE: N/A  
VOLITILE ORGANIC COMPOUNDS: N/A  
MOLECULAR WEIGHT: N/A

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### STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable  
CONDITIONS TO AVOID: None known  
INCOMPATIBILITY WITH OTHER MATERIALS: None known  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and calcium oxide are potential byproducts of combustion.  
HAZARDOUS POLYMERIZATION: Will not occur

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### TOXICOLOGICAL INFORMATION

EYE EFFECTS: Not an eye irritant per 16 CFR 1500.42: mild irritation, however, is possible.  
SKIN EFFECTS: Not a primary skin irritant per 16 CFR 1500.42, mild irritation, however, is possible.  
ACUTE ORAL EFFECTS: Not toxic per 16 CFR 1500.3

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### ECOTOXICOLOGICAL INFORMATION

TOXICITY: No specific data available for this product  
BIODEGRADABILITY: No specific data available for this product  
PERSISTENCE: No specific data available for this product



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### DISPOSAL CONSIDERATIONS

Bury in a secure landfill in accordance with all local, state, and federal environmental regulations. Empty containers may be incinerated or discarded as general trash.

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### TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

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### REGULATORY INFORMATION

TSCA: This material is reported in the EPA TSCA Inventory List.

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### OTHER INFORMATION

For additional non-emergency health, environmental and safety information, call 208-731-4800 or write to:

GFP Global, Inc  
2547 Canyon Gate Pl  
Twin Falls, ID 83301

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