



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 BPC 60

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

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

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients (% by Weight)

Calcium Salts of Long Chain Fatty Acids

Choline Chloride

AAFCO Number

33.14

6.8

CAS Number

Not Applicable

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: CO² 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. /in² @ 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/M³. 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/M³.



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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

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/Ft³): 31 – 33
% VOLATILE: N/A
VOLITILE ORGANIC COMPOUNDS: N/A
MOLECULAR WEIGHT: N/A

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

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

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.

TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

REGULATORY INFORMATION

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

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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