



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Bone Meal

SECTION 1: Identification

GHS Product identifier

Product name	Hi-Yield Bone Meal
Product number	34120; 34124; 34124Q
Brand	Hi-Yield
Substance name	

Other means of identification

NPK 0-10-0

Recommended use of the chemical and restrictions on use

Fertilizer.

Supplier's details

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA

Telephone	855-270-4776
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Emergency phone number

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS label elements, including precautionary statements

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.

Other hazards which do not result in classification

Not Applicable - Chemical component: Available Phosphate (P₂O₅) 10% by weight.

SECTION 3: Composition/information on ingredients

Substances

Safety Data Sheet

Hi-Yield Bone Meal

Substance name:

Other names / synonyms: Steamed Bone Meal

Hazardous components

Component	Concentration
Bone meal	Not specified

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Threshold limit value not established. Effects of overexposure are unknown. May be irritating to skin and eyes. Possible allergen to those allergic to bovine, porcine, or poultry products.
If inhaled	Possible allergen to those allergic to bovine, porcine, or poultry products. Contact physician if irritation persists.
In case of skin contact	Rinse with soap and water. Contact physician if irritation persists.
In case of eye contact	Flush copiously with water. Contact physician if irritation persists.
If swallowed	Rinse Mouth Contact physician if large amounts ingested. Not an expected route of exposure.

Personal protective equipment for first-aid responders
No unusual procedures required.

Most important symptoms/effects, acute and delayed

No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon Dioxide, Dry Chemicals

Specific hazards arising from the chemical

No information available.

Special protective actions for fire-fighters

Wear pressure demand, self-contained breathing apparatus (SCBA), and full protective bunker gear, Avoid inhalation of combustion products.

Further information

Unusual Fire and Explosion Hazards: May have sufficient organic dust to be explosive if mixed with air in critical proportions. Maintain normal good housekeeping.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Flush away with water and detergent.

Environmental precautions

Prevent from entering storm drains or bodies of water.

Safety Data Sheet

Hi-Yield Bone Meal

Methods and materials for containment and cleaning up

Follow all local, state, and federal regulations.

SECTION 7: Handling and storage

Precautions for safe handling

Handle in accordance with good industrial hygiene. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

Store in clean, dry area. Storage under warehouse condition for over three to four months is not recommended.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ventilation Recommended: Local Exhaust usual - Mechanical (General) usual

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Splash Goggles

Skin protection

No information available.

Respiratory protection

NIOSH / MSHA approved respiratory mask

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)

A tan to brown color meal

Odor

Earthy

Odor threshold

No information available.

pH

No information available.

Melting point/freezing point

N/A

Initial boiling point and boiling range

N/A

Flash point

N/A

Evaporation rate

N/A

Flammability (solid, gas)

N/A

Upper/lower flammability or explosive limits

No information available.

Vapor pressure

N/A

Vapor density

No information available.

Relative density

No information available.

Solubility(ies)

Slightly in water

Partition coefficient: n-octanol/water

No information available.

Auto-ignition temperature

No information available.

Decomposition temperature

No information available.

Viscosity

No information available.

Additional properties

Physical state

Solid

Color

Tan to brown

Explosive properties

May have sufficient organic dust to be explosive if mixed with air in critical proportions.

Safety Data Sheet

Hi-Yield Bone Meal

SECTION 10: Stability and reactivity

Reactivity

Stable - Hazardous polymerization will not occur. Avoid getting wet.

Chemical stability

Stable

Conditions to avoid

Avoid getting wet.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not established. May be irritating to skin and eyes. Possible allergen to those allergic to bovine, porcine, or poultry products. Refer to first aid section.

Skin corrosion/irritation

May be irritating to skin and eyes.

Serious eye damage/irritation

May be irritating to skin and eyes.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

None known

Carcinogenicity

None known

Reproductive toxicity

None known

Specific target organ toxicity (STOT) - single exposure

No data

Specific target organ toxicity (STOT) - repeated exposure

No data

Aspiration hazard

No data

SECTION 12: Ecological information

Toxicity

Not established. No data available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Safety Data Sheet

Hi-Yield Bone Meal

Flush away with water and detergent.

Waste treatment

Not considered a hazardous material for disposal. Follow the waste disposal requirements for your country, state and local authorities.

Other disposal recommendations

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Chemical Safety Assessment

Not applicable.

SECTION 16: Other information

No additional data.

Further information/disclaimer

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