



Hazard Communication Standard Safety Data Sheet (SDS)

Arizona's Best Bone Meal 0-12-0

Supersedes all prior versions

Issuing Date: 8/15/2015

1. Product and Company Identification

Product Name(s)/Synonyms: Arizona's Best Bone Meal 0-12-0, AZB40037, AZB40037C, LG 40031

Recommended Use: For plant root stimulation.

Information on Manufacturer:

Western Organics, Inc.
420 E. Southern Ave.
Tempe, AZ 85282
602-792-0275

Emergency Telephone Numbers:

800-424-9300 (Chemtrec)
800-222-1222 (American Association of Poison Control)

2. Hazards Identification

WARNING

Hazard Classification: 0 (none)



Hazard Statement(s):

Not listed as a hazardous material. However, adverse health effects may occur. Contact to eye(s) may cause irritation. May cause respiratory and/or mucous irritation if dust is inhaled. May aggravate pre-existing respiratory conditions. Nausea and vomiting could be expected upon large dose ingestion.

Precautionary Statement(s): Keep away from children and animals. Do not use as a food source.

Unclassified Hazard(s) Description: None

Total % of Ingredients with Unknown Toxicity (Mixtures Only): 0%

3. Composition / Information on Ingredients

Chemical/Component Name	Common Name	CAS #	%	Other
Bone Meal		n/a	100	

4. First Aid Measures

Eye Contact:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 1-2 minutes. Call a poison control center or doctor for treatment advice should a rash/skin irritation develop.

Ingestion:

Call a poison control center or doctor immediately for treatment advice. Have person drink 1-2 glasses of water if able to swallow. Do not induce vomiting unless told to do so by a poison control. Do not give anything by mouth to an unconscious person.

Inhalation- Dust or Fumes:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, if possible. If breathing is difficult, seek immediate medical assistance. Call a poison control center or doctor for further advice.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Use foam, Co2, dry chemical or water spray (fog) methods.

Unsuitable Extinguishing Media:

Firefighters: Wear self contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: Dust clouds may be explosive. Combustion can cause toxic fumes.

6. Accidental Release Measures

Personal Precautions: Use dust mask to avoid inhalation of particles. Gloves recommended but not required.

Environmental Precautions: Keep spills and runoff from municipal sewers and open bodies of water.

Methods for Containment: Cleanup the spill promptly by sweeping, scooping, and/or vacuum.

Methods for Cleaning up: Contain and dispose of per local and federal regulations. Spray area to wash off residue. Wash off any exposed skin. Collect and reuse if uncontaminated.

7. Handling and Storage

Handling: Avoid container breakage. Use proper lifting techniques. Wear appropriate clothing.

Storage: Store in original containers only. Keep container closed and in a dry, ventilated location. Best to always store away from children, pets, and animals. May stain concrete, tile, and stucco surfaces.

8. Exposure Controls / Personal Protection

Component(s)	ACGIH TLV	OSHA PEL
Nuisance Particles	Un-listed	15 mg/m ³ (total dust)

Engineering Controls: Not normally required if applied outdoors. If used indoors, use adequate ventilation to keep the airborne concentrations below the recommended exposure standard.

Personal Protective Measures:

Face and Eye: Safety glasses or goggles.

Skin/body: Appropriate outdoor work clothing should be considered. Wash hands after handling.

Respiratory: Use engineering controls and NIOSHA/MSHA approved dust masks.

9. Physical and Chemical Properties

Physical State:	solid	Color:	Dark brown
Appearance:	Granular to powder	Vapor Pressure:	Not established
Odor:	Earthy	Vapor Density:	Not established
Odor Threshold:	Not established	Relative Density:	Not established
pH:	Not established	Solubility(ies):	Partially
Melting/Freezing Point:	Not established	Partition Coefficient:	
Boiling Point and Range:	Not established	n-octano/water:	Not established
Flash Point:	Not established	Auto-ignition Temp:	Not established
Evaporation Rate:	Not established	Decomposition Temp:	No applicable information found
Flammability (solid, gas):	Not established	Viscosity:	Not established
Flammability Limits:		Decomposition Temp:	None
Upper:	n/a	Bulk Density:	40-60 lbs/cu.ft.
Lower:	n/a	Specific Gravity (H2O=1):	Not established

10. Stability and Reactivity

Reactivity:	Stable under recommended storage conditions.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Reactions:	None under normal use.
Conditions to Avoid:	Extremes of temperature. Ignition and/or flame sources. Moisture.
Incompatible Materials:	Strong oxidizers (i.e., liquid chlorine, concentrated oxygen, sodium hypochlorine calcium hypochlorite, etc. as these present an explosion hazard.)
Hazardous Decomposition:	Toxic fumes may be generated. Metal oxides possible.

11. Toxicological Information

Likely Routes:	Inhalation, skin, open wound, eye contact, ingestion.
Toxicological Effects	
Immediate Exposure:	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
Short Term Exposure:	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
Long Term Exposure:	Possible allergic reaction. Eye, respiratory, skin irritation may occur. Nausea may occur.
Toxicity Measures (data):	No applicable information found.
Toxicity Symptoms:	Possible irritation, breathing difficulty, and/or nausea.
Known Carcinogenicity:	None listed in OSHA, NTP, IARC, or ACGIH.

12. Ecological Information

**Refer the reader to Section 8 (Exposure Controls/Personal Protection) of the SDS.*

Ecotoxicity Data:	No known negative effects when used as directed.
Persistence and Degradability:	Expected to be inherently biodegradable.
Bioaccumulative Potential:	Not know to bioaccumulate.
Leaching Risk:	May contaminate water. Avoid application near water sources. Avoid over application.
Other Adverse Effects:	No applicable information found.

13. Disposal Considerations

Waste Disposal Methods:	No special disposal methods required. Conform with applicable local and federal regulations.
Contaminated Packaging:	Dispose of in accordance with local regulations. Do not reuse container.

14. Transport Information

DOT	(Land)	No restrictions, not regulated.
TDG	(Rail)	No restrictions, not regulated.
IATA	(Air)	Consult appropriate ICAO/IATA and IMDG regulations.
IMDG	(Sea)	Consult appropriate ICAO/IATA and IMDG regulations.

*U.S. Surface Freight Classification: Fertilizing compounds (mfg. fertilizers), NOI; Dry (NMFC 68140, Sub 5; Class 50)

15. Regulatory Information (non-mandatory)

SARA TITLE Sec. III	No reportable hazard categories.
EPCRA	This material contains no extremely hazardous substances.
California Proposition 65	This product does not contain any Proposition 65 chemicals.

16. Other Information

NFPA: **Health: 1** **Flammability: 1** **Reactivity: 0**
Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe

Disclaimer

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