



Hazard Communication Standard Safety Data Sheet (SDS)

Arizona's Best Starter Fertilizer 6-20-20

Supersedes all prior versions

Issuing Date: 8/15/2015

1. Product and Company Identification

Product Name(s)/Synonyms: Arizona's Best Starter Fertilizer 6-20-20, AZB10024

Recommended Use: Plant nutrient fertilizer.

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: No information available.

Hazard Statement(s):

May cause mild eye and/or skin irritation. Avoid contact with eyes, open cuts, or sores. Nausea and vomiting could be expected upon large dose ingestion. May experience nausea, chills, and diarrhea if ingested.

Precautionary Statement(s):

- Prevention:** Wear protective gloves, clothing, eye, face protection. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Call poison control or doctor if feeling unwell.
- Inhaled:** Respiratory irritation could be expected from dust. Avoid breathing dust/fume/gas/vapors/spray. If inhaled, remove person to fresh air and keep comfortable for breathing. Get medical attention if irritation persists.
- Eyes:** If in eyes, rinse cautiously with water for 15 minutes. Remove contacts if present and easy to do after 5 minutes. Continue rinsing. Get medical attention if irritation persists.

Unclassified Hazard(s) Description: n/a

Other Information: No additional information available.

3. Composition / Information on Ingredients

Chemical/Component Name	Common Name	CAS #	%	Other
Urea		57-13-6	1-5	
Mono-ammonium Phosphate		7722-76-1	20-30	
Muriate of Potash		7447-40-7	10-20	
Calcium sulfate Dihydrate		13397-24-5	1	
Iron Oxide		8047-67-4	2	
Inert		n/a	42-66	

4. First Aid Measures

Eye Contact:

Hold eye open and rinse slowly and gently with water for 15 minutes. Remove contact lenses if present and easy to do so after 5 minutes, then continue rinsing. Seek medical assistance if irritation persists.

Skin Contact:

Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15 minutes. Seek medical assistance if rash/skin irritation developed or persists.

Ingestion:

Call poison control or doctor immediately for treatment advise. Rinse mouth. Sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never 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 advise.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Use foam, Co2, dry chemical, water spray (fog) methods or sand.

Unsuitable Extinguishing Media:

Do not use jet stream as it may spread fire.

Firefighters:

Wear self contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards:

Sulfur containing components may release oxides of sulfur. Decomposition hazards may include but not limited to oxides of carbon, hydrogen chloride, hydrogen flouride, oxides of nitrogen, ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide, and cyanuric acid.

6. Accidental Release Measures

Personal Precautions:

Use dust mask to avoid inhalation of particles. Use protective clothing and equipment. Do not get in eyes.

Environmental Precautions:

Keep spills and runoff from municipal sewers and open bodies of water. Notify authorities if product enters sewers or public waters.

Methods for Containment:

Cleanup the spill promptly by sweeping, scooping, and/or vacuum. Minimize dust generation.

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. Minimize dust generation. Wear appropriate clothing and eye protection. Use with adequate ventilation. Keep away from open flames. Do not eat, drink, or smoke before, after, or while using product.

Storage:

Store in original containers only. Keep container closed and in a dry, cool, ventilated location. Best to always store away from children, pets, flame sources and food.

8. Exposure Controls / Personal Protection

Component(s)	ACGIH TLV	OSHA PEL
Particulates	n/a	15 mg/m3 (total dust)

Engineering Controls: Not normally required if applied outdoors. If used indoors, use adequate ventilation. Avoid all unnecessary exposure. Use personal protective equipment.

Personal Protective Measures:

Face and Eye: Safety glasses with side shields or goggles.
Skin/body: Long sleeve clothing. Impervious gloves recommended for best protection.
Respiratory: For normal applications, engineering controls and NIOSHA/MSHA approved dust masks. Positive- pressure supplied air respirators may be required for high airborne concentrations.

9. Physical and Chemical Properties

Physical State:	Solid	Color:	Multi- color
Appearance:	Granular	Vapor Pressure:	Not established
Odor:	Slight	Vapor Density:	Not established
Odor Threshold:	Not established	Relative Density:	Not established
pH:	Not established	Solubility(ies):	Appreciable
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:	Not established
Flammability (solid, gas):	Not established	Viscosity:	Not established
Flammability Limits:	Not established	Decomposition Temp:	Not established
Upper:	n/a	Bulk Density:	40-70 lbs/ft3
Lower:	n/a	Specific Gravity (H2O=1):	Not established

10. Stability and Reactivity

Reactivity: No additional information available.

Chemical Stability: Stable under recommended storage and use conditions.

Hazardous Reactions: Not established.

Conditions to Avoid: Extremely high temperatures. Direct sunlight. Moisture.

Incompatible Materials: Strong oxidizers (i.e., liquid chlorine, concentrated oxygen, sodium hypochlorine calcium hypochlorite, etc. as these present an explosion hazard.)
Moisture. Strong alkalis.

Hazardous Decomposition: Avoid high temperatures. Decomposition hazards may include but not limited to oxides of carbon, hydrogen chloride, hydrogen fluoride, oxides of nitrogen, ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide, and cyanuric acid.

11. Toxicological Information

Likely Routes: Inhalation, skin, eye contact, open sores, ingestion.

Toxicological Effects

Acute: **Oral** - LD 50 (rat): 5000 mg/kg.
Dermal - LD50 (rabbit): >2000 mg/kg.

Inhalation: LC50 (rat)- May cause respiratory tract irritation.

Skin Irritation: May cause irritation in sensitive individuals.

Long Term Exposure: No applicable information found.

Toxicity Measures (data): No applicable information found.

Toxicity Symptoms: Eye, skin and respiratory tract irritation.

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 applicable information found.
Persistence and Degradability:	No applicable information found.
Bioaccumulative Potential:	No applicable information found.
Leaching Risk:	No applicable information found. In general, avoid applying on or near bodies of water.
Other Adverse Effects:	No applicable information found.

13. Disposal Considerations

Waste Disposal Methods:	Conform with applicable local and federal regulations. Do not dispose of into drains or in or near water sources. Do not use metal waste containers to store in.
Contaminated Packaging:	Dispose of in accordance with local regulations. Do not reuse container.

14. Transport Information

DOT	(Land)	No restrictions, not regulated.
IATA	(Air)	Consult appropriate ICAO/IATA and IMDG regulations.
IMDG	(Sea)	Consult appropriate ICAO/IATA and IMDG regulations. Not classified as a marine pollutant.

*US Surface Freight Classification: Fertilizing Compounds (manufactured fertilizers), NOI; Dry (NMFC 68140, SUB 5, Class 50)

15. Regulatory Information (non-mandatory)

TSCA:

11-52-0 MonoAmmonium Phosphate not listed. Mono-ammonium Phosphate (7722-76-1) listed.

US Federal Regulations:

No additional information available.

SARA Title III Hazard Category: Delayed.

SARA Title III, Sec. 313: Not listed.

California Proposition 65 This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

16. Other Information

NFPA: Health: 1 Flammability: 1 Reactivity: 1

Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. Conditions of use and suitability of the product for particular uses are beyond our control, all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.

