



## Hazard Communication Standard Safety Data Sheet (SDS)

# Arizona's Best Rose Food 9-11-3

Supersedes all prior versions

Issuing Date: 2/20/18

### 1. Product and Company Identification

**Product Name(s)/Synonyms:** Arizona's Best Rose Food 9-11-3, AZB10072, AZB10072C, AZB10071

**Recommended Use:** Rose plant 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:** Eye irritation. Respiratory tract irritation.

**Hazard Statement(s):**  
H320- Causes eye irritation  
H335- May Cause respiratory irritation



**Precautionary Statement(s):** Keep away from children and pets.

**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
Ammonium Sulfate		7783-20-2	9	
Mono-ammonium Phosphate		7722-76-1	11	
Muriate of Potash		7447-40-7	3	
Sulfur		7704-34-9	11	
Calcium Sulfate Dihydrate	Gypsum	10101-41-4	59.5	
Iron Oxide		8047-67-4	5	
Magnesium Sulfate	Epsom Salts	7487-88-9	0.5	
Zinc Sulfate		7733-02-0	1	

### 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 15-20 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 center or doctor. Do not give anything by mouth to an unconscious person.

**Inhalation- Dust or Fumes:**

Move person to fresh air. 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:** Sulfur containing components may release oxides of sulfur.

**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.

**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 flame sources. May stain concrete, tile, and stucco surfaces.

**8. Exposure Controls / Personal Protection**

Component(s)	ACGIH TLV	OSHA PEL
Nuisance Particles	Un-listed	Un-listed

**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

<b>Physical State:</b>	Solid	<b>Color:</b>	Multi-colored
<b>Appearance:</b>	Granular	<b>Vapor Pressure:</b>	Not established
<b>Odor:</b>	Slight	<b>Vapor Density:</b>	Not established
<b>Odor Threshold:</b>	Not established	<b>Relative Density:</b>	Not established
<b>pH:</b>	Not established	<b>Solubility(ies):</b>	Partially
<b>Melting/Freezing Point:</b>	Not established	<b>Partition Coefficient:</b>	
<b>Boiling Point and Range:</b>	Decomposes	<b>n-octano/water:</b>	Not established
<b>Flash Point:</b>	Not established	<b>Auto-ignition Temp:</b>	Not established
<b>Evaporation Rate:</b>	Not established	<b>Decomposition Temp:</b>	No applicable information found
<b>Flammability (solid, gas):</b>		<b>Viscosity:</b>	Not established
<b>Flammability Limits:</b>		<b>Decomposition Temp:</b>	None
<b>Upper:</b>	n/a	<b>Bulk Density:</b>	65-70 lbs./ft3
<b>Lower:</b>	n/a	<b>Specific Gravity (H2O=1):</b>	1.0296 g/ml

## 10. Stability and Reactivity

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

## 11. Toxicological Information

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

## 12. Ecological Information

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

<b>Ecotoxicity Data:</b>	No known negative effects when used as directed.
<b>Persistence and Degradability:</b>	Expected to be inherently biodegradable.
<b>Bioaccumulative Potential:</b>	N/A
<b>Leaching Risk:</b>	Low if used as directed. Avoid application near water sources. Avoid over application.
<b>Other Adverse Effects:</b>	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:** 0                      **Reactivity:** 0

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

#### Disclaimer

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