

# ZAR-MIN<sup>®</sup>

## FEED ADDITIVE

### SAFETY DATA SHEET

Revised 12-11-2019

#### 1. IDENTIFICATION

<b>Product Name</b>	ZAR-MIN <sup>®</sup>
<b>Common Name/</b>	Sodium Aluminosilicate;
<b>Synonym</b>	Clinoptilolite- Natural Zeolite
<b>Recommended Use</b>	Feed additive; Anti-caking agent
<b>Manufacturer</b>	Papillon Agricultural Company
<b>Address</b>	129 N. West Street 2 <sup>nd</sup> Floor, Easton, MD 21601 USA
<b>Contact Information</b>	Telephone: (800) 888-5688 Fax: (410) 822 0429
<b>Emergency Phone</b>	(443) 496-1286

#### 2. HAZARD(S) IDENTIFICATION

<b>Classification</b>	The product is not classified as hazardous.
<b>Label Elements</b>	<b>Signal Word-</b> Not applicable due to FDA labeling exemption <b>Hazard Statements-</b> None <b>Precautionary Statements-</b> None.
<b>Other Hazards</b>	None; Noncombustible, will not burn. Not reactive when mixed with water. Will not react, polymerize, decompose, condense or self-react. Non-explosive. The product does not contain any carcinogenic substances in amounts to be declared. Zeolites NTP — OSHA — IARC 3

#### 3. COMPOSITION/ INFORMATION

<b>Chemical Name/</b>	Sodium Aluminosilicate CAS# 1344-00-9
<b>Common Name</b>	Clinoptilolite (natural Zeolite) CAS # 12173-10-3 Wt. % 90-97
<b>CAS#</b>	Water CAS# 7732-18-5 Wt. % 3-10

#### 4. FIRST AID MEASURES

<b>First Aid Procedures</b>	<b>Inhalation:</b> Excessive inhalation may cause irritation of the nose, throat, and respiratory passages. Move to a well-ventilated area. <b>Skin / Eye contact:</b> Dust may irritate eyes. Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. <b>Ingestion:</b> Rinse out mouth and then drink plenty of water. Do not induce vomiting. Treat symptomatically.
<b>Important Symptoms/</b>	Not Applicable
<b>Effects, Acute and</b>	
<b>Delayed</b>	
<b>Special Treatment</b>	No special measures required.

#### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	Use fire-extinguishing media appropriate for surrounding materials; Compatible with all extinguishing media.
<b>Specific Hazards</b>	Noncombustible, will not burn.

**Fire-Fighter  
Precautions** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions,  
Protective Equipment  
And Emergency  
Procedures** Use appropriate personal protection equipment such as respiratory equipment and safety glasses to protect from dust.  
No special measures required.

**Clean-up Methods** Clean up with a vacuum, broom or shovel and return to container. Avoid generating dust.

## 7. HANDLING AND STORAGE

**Safe Handling  
Precautions** Avoid contact with eyes, skin, and clothing. Avoid generating and breathing dust. Use appropriate respiratory protection equipment. Safety glasses recommended.

**Safe Storage  
Conditions** No special storage requirements.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Controls  
Personal Protection** Does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.  
Use in a well-ventilated workplace. Avoid generating and contacting dust. Use appropriate respiratory protection equipment. Safety glasses are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Powder and Granules  
**Color** Light tan to light green  
**Odor** None  
**pH** Not Applicable  
**Melting/Freezing Point** Not Applicable  
**Boiling Point/ Range** Not Applicable  
**Flash Point** Not Applicable- will not burn.  
**Evaporation Rate** Not Applicable- does not evaporate.  
**Flammability/ Limits** Not Applicable- not flammable  
**Vapor Pressure** Not Applicable  
**Vapor Density** Not Applicable  
**Relative Density** Not determined  
**Solubility** Insoluble in water; Insoluble in alcohol  
**Partition Coefficient** Not Applicable- insoluble in n-octanol and water  
**Auto-ignition Temp** Will not auto ignite.  
**Decomposition Temp** Not determined.  
**Viscosity** Not Applicable- solid.

## 10. STABILITY AND REACTIVITY

**Reactivity** Stable if used as intended.  
**Chemical Stability** Stable if used as intended.  
**Possibility Of  
Hazardous Reactions  
Conditions To Avoid** Possibility of hazardous reaction with strong acids and strong alkali.  
No further information available.  
**Incompatible Materials** Strong acids and strong bases

**Hazardous Decomposition Products** No further information available.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects** When used and handled according to instructions, the product is not known to have harmful effects. The product does not contain any carcinogenic substances in amounts to be declared.  
**Skin contact:** Dust has an irritating effect on moist skin.  
**Ingestion:** Dust may irritate.  
**Eye contact:** Dust in the eyes will cause irritation.  
Zeolites NTP — OSHA — IARC 3

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** No data available  
**Persistence and Degradability**  
**Bioaccumulative Potential** No data available  
**Mobility in soil** No data available  
**Other adverse effects** No data available

## 13. WASTE DISPOSAL CONSIDERATIONS

**Procedures** Dispose of in accordance with Local, State, and Federal environmental regulations.

## 14. TRANSPORT INFORMATION

**UN Number** Not Applicable  
**UN Proper Shipping Name** Not Applicable  
**Transportation Hazard Class** Not Applicable  
**Packing Group** Not Applicable  
**Environmental Hazards** Not Applicable  
**Transport in Bulk (ANNEX II of MARPOL 73/78 & IBC CODE)** Not Applicable  
**Special Precautions** Not Applicable

## 15. REGULATORY INFORMATION

**Regulations** Not Applicable

## 16. OTHER INFORMATION

**Preparation Date** 12-11-2019

Reasonable care has been taken in preparation of this Safety Data Sheet. However, the data provided herein is without warranty, express or implied, regarding its correctness or accuracy. Individual users should determine the suitability of the information for their particular purpose and assume responsibility for loss, injury, damage, or expense resulting from improper use of this product.