

ZAR-MIN[®]

SAFETY DATA SHEET

Revised 10-01-2020

1. IDENTIFICATION

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

2. HAZARD(S) IDENTIFICATION

Classification	The product is not classified as hazardous.
Label Elements	Signal Word- Not applicable due to FDA labeling exemption Hazard Statements- None Precautionary Statements- None.
Other Hazards	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

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

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Use fire-extinguishing media appropriate for surrounding materials; Compatible with all extinguishing media.
Specific Hazards	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.
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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 10-01-2020

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.