

# ZAR-MIN<sup>®</sup> Feed Additive



## Standardized Information on Dietary Ingredients

### Part A: NON-BIOLOGICAL DIETARY INGREDIENTS

#### Section A1 – Product Information

<i>Product name:</i>	ZAR-MIN
<i>Common name:</i>	Sodium aluminosilicate, natural zeolite
<i>General information:</i>	Free flowing powder for use as an anti-caking agent in animal feed Processing aid with no nutritional value Not for human consumption

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#### Section A.2 – Manufacturing Information

<i>Production location:</i>	Contract manufactured at TMP, Adrian, OR, USA
<i>Process:</i>	Ore open pit mined Air dried Crushed Air classified to size Packaged
<i>Additives:</i>	None No organic solvents or liquids are used.

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#### Section A.3 – Physical/Chemical

<i>Ingredients:</i>	100% natural zeolite (sodium aluminosilicate) CAS No: 1318-02-1
<i>Origin:</i>	Mineral based United States
<i>Physical parameters:</i>	Light gray powder Greater than 90% less than 70 mesh (0.25 mm)

<i>Elemental analysis:</i>	Silicon dioxide	64 – 70%
	Alumina	10 – 12
	Potassium oxide	3 – 5
	Calcium dioxide	1 – 3
	Sodium oxide	2 – 0.5
	Moisture	< 10
<i>Heavy Metals</i>	Lead (Pb)	<10 ppm
	Cadmium (Cd)	<5 ppm
	Arsenic (As)	<5 ppm
	Mercury (Hg)	<2 ppm
<i>Microbiological</i>	Listeria	Negative/25g
	Salmonella	Negative/25g
	E. Coli	<10 CFU/g (est)
	Aerobic plate count	19,000 CFU/g (est)
<i>GMO's</i>	ZAR-MIN does not contain any Genetically Modified Organisms (GMO's) substances or any substance(s) derived from or manufactured from GMO's. No GMO material or GMO derived or modified material is used or stored at the ZAR-MIN manufacturing facility.	
<i>Sterilization:</i>	No sterilization methods are use in the production of ZAR-MIN. Specifically, ZAR-MIN is not irradiated or fumigated with ethylene oxide.	
<i>Dioxin and Furans</i>	Dioxins: <0.5ng WHO-PCDD/F-TEQ/kg product Sum dioxin and furans: <0.5ng WHO-PCDD/F-PCB-TEQ/kg product	
<i>RUPP</i>	ZAR-MIN is free of Restricted Use Protein Products (RUPP).	
<i>MARC</i>	ZAR-MIN does not contain Melamine And Related Compounds (MARC).	
<i>Antibiotics Residues</i>	ZAR-MIN is in compliance with all US regulations.	
<i>BSE</i>	ZAR-MIN is free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE).	

#### **Section A.4 – Labeling Information**

<i>Product label:</i>	Sodium aluminosilicate
<i>Use restrictions:</i>	Not more than 2% of finished feed
<i>Nutritional information:</i>	ZAR-MIN provides no nutritional benefit
<i>Allergens:</i>	ZAR-MIN does not contain any of the FALCPA identified foods or food groups identified as major food allergens.

## **Section A.5 – Regulatory Information**

<i>GRAS:</i>	The FDA Generally Regarded as Safe (GRAS) requirements for sodium aluminosilicate are met by ZAR-MIN. Sodium aluminosilicate is approved for use as an anti-caking agent at levels not to exceed 2%.
<i>Organic:</i>	ZAR-MIN is listed ORMI as an organic animal feed ingredient. ZAR-MIN is organic by meeting the requirements of the USDA National Organic programs and may be used as a feed additive.
<i>Food Grade Status:</i>	ZAR-MIN is not food grade and is not produced in a food grade facility.
<i>Dietary:</i>	Vegan and vegetarian requirements are met since ZAR-MIN contains no animal products.
<i>Religious dietary law:</i>	While ZAR-MIN is not Kosher or Halal certified, ZAR-MIN contains no ingredients or production methods that are prohibited by Jewish or Islamic dietary law.

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## **Section A.6 – Miscellaneous Product Information**

*None*

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## **Section A.7 – Revisions**

*None*

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## **Section A.8 – Contact Information**

<i>Mailing Address:</i>	ZEO, Inc. PO Box 2353, McKinney, TX 75070
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