



National Animal Supplement Council



Preferred Supplier Non-Botanical Ingredient Data Sheet (N-BIDS)

SECTION 1. INGREDIENT & SUPPLIER INFORMATION

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| SUPPLIER (COMPANY) PROVIDING INGREDIENT: | Trouw Nutrition USA, LLC |
| INGREDIENT NAME & CODE: | Optimin Zinc 15% – 1003429x |
| GENERAL INGREDIENT INFORMATION: | Nutritional feed additive for dog, cat, fish, dairy cattle, beef cattle, calves, sheep, swine, poultry, rabbit, and horse diets. |

SECTION 2. MANUFACTURING INFORMATION

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| NAME AND ADDRESS OF MANUFACTURING SITE: | Available upon request |
| MODE OF MANUFACTURING | Available upon request |
| DESCRIBE MANUFACTURING PROCESS (ATTACH FLOW CHART IF AVAILABLE): | Available upon request |
| STERILIZATION OF FUMIGATION METHOD(S): | Available upon request |
| KNOWN OR POTENTIAL SOURCES OF IMPURITIES AND/OR CONTAMINANTS: | Heavy Metals – Lead, Cadmium, Mercury, Arsenic Manganese, Copper, Iron |

SECTION 3. INGREDIENT PHYSICAL / CHEMICAL INFORMATION

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| COMMON OR USUAL NAME / OTHER NAMES: | Zinc proteinate |
| EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED: | Available upon request |
| % ACTIVE INGREDIENT: | Total Zinc - 15% |
| BIOASSAY METHOD (SPECIFY): | AOAC 990.08 |
| PHYSICAL FORM OF THE INGREDIENT: | Off-White Powder |
| PARTICLE SIZE: | 60% <50 microns & 95% <100 microns |
| COUNTRY OF ORIGIN: | USA |



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SECTION 4. REGULATORY & LABELING INFORMATION

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|---|--------------------------|---|
| PATENT COVERAGE: | | N/A |
| GMP COMPLIANCE STANDARDS FOLLOWED (CITE): | | Available upon request |
| IDENTIFY THE CRITICAL CONTROL POINTS THAT ARE MONITORED TO MAINTAIN GMP'S | | Available upon request |
| LIST ANY CERTIFICATIONS OR EXTERNAL AUDIT PROGRAMS (E.G., NSF, USP, NPA, ISO, ETC.): | | Available upon request |
| DATE & AGENCY OF MOST RECENT FACILITY INSPECTIONS (STATE, FEDERAL, OR FOREIGN AGENCY): | | |
| DATE | INSPECTION AGENCY | RESULTS OF INSPECTION |
| | Available upon request | |
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| FEED / FOOD INGREDIENT: AAFCO APPROVED YES / NO: | | Yes |
| HOW INGREDIENT IS LISTED IN THE AAFCO OFFICIAL PUBLICATION: | | AAFCO Definition 57.23 Metal Proteinate (Zinc Proteinate) |
| EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED: | | Available upon request |
| BIOASSAY METHOD (SPECIFY): | | AOAC 990.08 |
| ANIMAL HEALTH INGREDIENT: EXAMPLES OF STRUCTURE FUNCTION CLAIMS SUPPORTED BY RESEARCH / CLINICAL STUDIES | | |
| TARIFF CODE FOR IMPORT/EXPORT: | | N/A |
| ANY KNOWN RESTRICTIONS FOR USE IN OR WARNINGS FOR ANIMALS? | | Available upon request |
| ANY INTERACTION WITH OTHER INGREDIENTS OR DRUGS TO AVOID? | | Available upon request |



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SECTION. 5 SUPPORTING DOCUMENTATION

ATTACH ANY STATEMENT FOR THE INGREDIENT THAT ARE APPLICABLE TO THIS INGREDIENT.

| <u>EXAMPLES</u> | <u>ATTACHED: YES / NO / N-A</u> |
|------------------------------------|---------------------------------|
| • KOSHER / HALAL STATEMENT | N/A |
| • IRRADIATION STATEMENT | N/A |
| • ETO STATEMENT | N/A |
| • GMO STATEMENT | No |
| • MSDS SHEET | Available upon request |
| • HORMONE STATEMENT | N/A |
| • BSE / TSE STATEMENT | N/A |
| • ORGANIC CERTIFICATION STATEMENT | No |
| • CURRENT PRODUCT DATA SHEET | Available upon request |
| • MANUFACTURING PROCESS FLOW CHART | N/A |
| • STABILITY DATA | Available upon request |
| • MATERIAL EVALUATION FORM | N/A |
| • COUNTRY OF ORIGIN STATEMENT | Available upon request |

SECTION 6. ADDITIONAL INGREDIENT INFORMATION

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| RECOMMENDED STORAGE CONDITIONS: | Store in original, sealed container in a well ventilated place away from direct sunlight. |
| ADDITIONAL COMMENTS / INFORMATION: | N/A |

SECTION 7. CONTACT INFORMATION

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| CONTACT NAME: | Dr. Trevor Faber |
| TITLE: | Companion Animal Nutritionist |
| OFFICE PHONE: | 618-654-2070 |
| OTHER PHONE: | |
| E-MAIL; | trevor.faber@trouwnutrition.com |

BY SIGNING BELOW, I CERTIFY THAT THE INFORMATION GIVEN BY ME TO THE NATIONAL ANIMAL SUPPLEMENT COUNCIL (NASC), INC. IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT IF THE INFORMATION PROVIDED IS NOT THOROUGH AND COMPLETE, NASC WILL REJECT THE FORM AND RESUBMISSION OF THE FORM WILL BE REQUIRED.

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| <i>Trevor Faber</i> | <i>4/12/17</i> |
| SIGNATURE | DATE |