



## National Animal Supplement Council



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

NASC established a **Preferred Supplier Program** for companies who wish to provide products and services to NASC member companies, including raw materials (ingredients), contract manufacturing (dosage form products and feed supplements), analytical laboratory services and other services such as insurance, business consulting, legal expertise, etc.

The goal of the program is to prequalify vendors so that NASC members may accept and use products or services from Preferred Suppliers without additional vendor qualification procedures required under NASC cGMPs.

There are four categories of **NASC Preferred Suppliers**: Raw Material Suppliers, Contract Manufacturers, Analytical Laboratories and Service Providers.

The qualification procedure includes providing information to NASC on the scope of company operations, quality compliance program certifications, statements and additional documentation specific to the type of supplier, e.g., data sheets for each ingredient a Raw Material Supplier would like to qualify and include in the program.

### **Preferred Supplier Non-Botanical Ingredient Data Sheet**

All Raw Material Suppliers must provide the information requested in this form as part of the qualification procedure for a single non-botanical ingredient. Any fields not applicable to the company or ingredient should be completed by entering N/A.

Please return copies of the requested certifications and the completed form electronically to Bill Bookout at [b.bookout@nasc.cc](mailto:b.bookout@nasc.cc) or mail to:

NASC  
PO Box 2568  
Valley Center, CA 92082

Contact Bill Bookout at the NASC office (760-751-3360) with any questions about the **Preferred Supplier Program**.



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

**SECTION 1. INGREDIENT & SUPPLIER INFORMATION**

SUPPLIER (COMPANY) PROVIDING INGREDIENT:	Zinpro Corporation
INGREDIENT NAME & CODE:	4-Plex E
GENERAL INGREDIENT INFORMATION:	Zinc methionine complex, Manganese methionine complex, Copper lysine complex and Cobalt glucoheptonate.

**SECTION 2. MANUFACTURING INFORMATION**

NAME AND ADDRESS OF MANUFACTURING SITE:	Zinpro Garner, 880 E Lyon St, Garner, IA 50438
MODE OF MANUFACTURING	Dehydration
DESCRIBE MANUFACTURING PROCESS (ATTACH FLOW CHART IF AVAILABLE):	The active substance is manufactured as a liquid and then dehydrated.
STERILIZATION OF FUMIGATION METHOD(S):	None
KNOWN OR POTENTIAL SOURCES OF IMPURITIES AND/OR CONTAMINANTS:	Heavy Metals

**SECTION 3. INGREDIENT PHYSICAL / CHEMICAL INFORMATION**

COMMON OR USUAL NAME / OTHER NAMES:	4-Plex E
EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED:	Yes
% ACTIVE INGREDIENT:	Zinc: 5.15 %, Manganese: 2.86 %, Copper: 1.80%, Cobalt: 0.36%
BIOASSAY METHOD (SPECIFY):	NA, ICP OES is the preferred test method
PHYSICAL FORM OF THE INGREDIENT:	Light to medium grey powder
PARTICLE SIZE:	Fine particles
COUNTRY OF ORIGIN:	USA



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**SECTION 4. REGULATORY & LABELING INFORMATION**

PATENT COVERAGE:		U.S. Patent No. 4,764,633 / 5,430,164 / 4,948,594 / 4,900,561 / 4,670,269 and 4,678,854
GMP COMPLIANCE STANDARDS FOLLOWED (CITE):		Safe Feed Safe Food, FAMI-QS, HACCP
IDENTIFY THE CRITICAL CONTROL POINTS THAT ARE MONITORED TO MAINTAIN GMP'S		All control points are monitored in our prerequisite program.
LIST ANY CERTIFICATIONS OR EXTERNAL AUDIT PROGRAMS (E.G., NSF, USP, NPA, ISO, ETC.):		ISO 9001, FAMI-QS, Safe Feed Safe Food, HACCP
DATE & AGENCY OF MOST RECENT FACILITY INSPECTIONS (STATE, FEDERAL, OR FOREIGN AGENCY):		
<b>DATE</b>	<b>INSPECTION AGENCY</b>	<b>RESULTS OF INSPECTION</b>
4/25/2016	State/FDA	No observations
<b>FEED / FOOD INGREDIENT:</b> AAFCO APPROVED YES / NO:		Yes
HOW INGREDIENT IS LISTED IN THE AAFCO OFFICIAL PUBLICATION:		Zinc methionine complex, Manganese methionine complex, Copper lysine complex and Cobalt glucoheptonate
EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED:		Yes
BIOASSAY METHOD (SPECIFY):		NA, ICP OES is the preferred test method
<b>ANIMAL HEALTH INGREDIENT:</b> EXAMPLES OF STRUCTURE FUNCTION CLAIMS SUPPORTED BY RESEARCH / CLINICAL STUDIES		NA
TARIFF CODE FOR IMPORT/EXPORT:		NA
ANY KNOWN RESTRICTIONS FOR USE IN OR WARNINGS FOR ANIMALS?		Do not feed to sheep
ANY INTERACTION WITH OTHER INGREDIENTS OR DRUGS TO AVOID?		No



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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
• SDS SHEET	Yes
• HORMONE STATEMENT	N-A
• BSE / TSE STATEMENT	N-A
• ORGANIC CERTIFICATION STATEMENT	N-A
• CURRENT PRODUCT DATA SHEET	Yes
• MANUFACTURING PROCESS FLOW CHART	No
• STABILITY DATA	No
• MATERIAL EVALUATION FORM	No
• COUNTRY OF ORIGIN STATEMENT	No

**SECTION 6. ADDITIONAL INGREDIENT INFORMATION**

RECOMMENDED STORAGE CONDITIONS:	Cool and dry
ADDITIONAL COMMENTS / INFORMATION:	Partially used bags should be resealed or closed.

**SECTION 7. CONTACT INFORMATION**

CONTACT NAME:	Fred Molenaar
TITLE:	QA Manager
OFFICE PHONE:	952 983 3838
OTHER PHONE:	507 351 0707
E-MAIL;	fmolenaar@zinpro.com

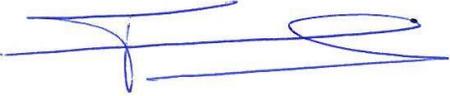
BY SIGNING BELOW, I CERTIFY THAT THE INFORMATION GIVEN BY ME TO THE NATIONAL ANIMAL SUPPLEMENT COUNCIL (NASC), INC. IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT IF THE INFORMATION PROVIDED IS NOT THOROUGH AND COMPLETE, NASC WILL REJECT THE FORM AND RESUBMISSION OF THE FORM WILL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



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	3/15/2017
<b>SIGNATURE</b>	<b>DATE</b>