



Z-BEC Products

Preparation Date 20-Aug-2007

Revision Date 25-Feb-2008

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Z-BEC Products
Common Name Not available
Chemical Name Not applicable
Synonyms Z-BEC, Z-BEC A.C.E.
Product Use Dietary Supplement
Classification Vitamin

Supplier Wyeth
P.O. Box 8299
Philadelphia, PA 19101 USA.
Telephone: 1-610-688-4400

Emergency Telephone Number Chemtrec USA, Puerto Rico, Canada 1-800-424-9300
Chemtrec International 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Pharmaceutical tablet **Physical State** Solid **Odor** Not available

Potential Physical Hazards Powders and solids are presumed to be combustible.

Potential Health Effects

Eyes May cause mechanical eye irritation
Skin Not available
Inhalation Not available
Ingestion May cause stomach irritation.
See product insert.
Therapeutic Target Organ(s) None

Not listed by OSHA, NTP or IARC.

Potential Environmental Effects There is no known ecological information for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS-No	Composition
Zinc	7440-66-6	22.5 mg/tablet

Common Name	CAS-No	Composition
Vitamin A	127-47-9	5000-10000 IU/tablet
Vitamin C (Ascorbic Acid)	50-81-7	200 mg/tablet
Vitamin E (acetate)	58-95-7	0-30 IU/tablet
Beta-carotene	7235-40-7	6-9 mg/tablet
Vitamin B1 (Thiamine Mononitrate)	532-43-4	4.5-5 mg/tablet
Vitamin B2 (Riboflavin)	83-88-5	5 mg/tablet
Vitamin B6 (Pyridoxine Hydrochloride)	58-56-0	5-6.3 mg/tablet
Vitamin B12 (Cyanocobalamin)	68-19-9	13 mcg/tablet
Pantothenic acid (Calcium Pantothenate)	137-08-6	20 mg/tablet
Niacinamide	98-92-0	56-74 mg/tablet
Inactive Ingredients	Not applicable	Remainder

4. FIRST AID MEASURES

Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. Artificial respiration and/or oxygen may be necessary. If symptoms persist, call a physician.
Ingestion	If symptoms persist, call a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Presumed to be a combustible particulate solid.
Extinguishing Media	
Suitable Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Do NOT use water jet.
Fire Fighting	Evacuate area and fight fire from a safe distance. Cool closed containers exposed to fire with water spray. In the event of fire and/or explosion do not breathe fumes.
Hazardous Combustion Products	Carbon oxides, nitrogen oxides.
Protective Equipment and Precautions for Firefighters	In the event of fire, wear self-contained breathing apparatus and special protective equipment for fire fighters.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions	Prevent product from entering drains. Local authorities should be advised if a significant spill cannot be contained.
Methods for Containment	Not available
Methods for Cleaning up	Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Avoid formation of dust and aerosols.

7. HANDLING AND STORAGE

Handling	For personal protection see Section 8. Handle in accordance with good industrial hygiene and safety practice. Skin should be washed after contact. Avoid formation of dust and aerosols.
Storage	No special safety precautions required. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	No special precautions required
Personal Protective Equipment	
Eye/face Protection	Avoid contact with skin and eyes
Skin Protection	For prolonged or repeated exposure use protective gloves. No special protective clothing required under typical conditions of use.
Respiratory Protection	No personal respiratory protective equipment normally required.
General Hygiene Considerations	When using, do not eat, drink or smoke. General industrial hygiene practice. Wash hands before breaks and at the end of workday.
Other	Limit access to only personnel trained in the safe handling of this material. Consult a health and safety professional for specific PPE, respirator, and risk assessment guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pharmaceutical tablet	Physical State	Solid
Color	Not available	Odor	Not available
Odor Threshold	Not available		
pH	Not applicable		
Specific Gravity	Not applicable	Water Solubility	Not available
Solubility	Not applicable	Evaporation Rate	Not applicable
Partition Coefficient (n-octanol/water)	Not available	Vapor Pressure	Not applicable
Boiling Point	Not applicable	Autoignition Temperature Method	Not applicable
Flash Point	Not available		None
Melting Point	Not available		
Flammability Limits in Air	Upper Not applicable	Lower Not applicable	
Explosion Limits	Upper Not applicable	Lower Not applicable	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at room temperature.
Conditions to Avoid	No data available
Materials to Avoid	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use
Possibility of Hazardous Reactions	None under normal use

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Not available
Multiple Dose Toxicity	Not available
Maximum Tolerated Dose (MTD), Oral	Not available

12. ECOLOGICAL INFORMATION

Chemical Fate Information	Not available
Ecotoxicity	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	This material is not classified as hazardous for transport.
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U.S. Department of Transport (DOT)	Not regulated
Canadian Transport of Dangerous Goods (TDG)	Not regulated
International Civil Aviation Organization (ICAO)	Not regulated
International Air Transport Association (IATA)	Not regulated
International Maritime Dangerous Goods (IMDG)/International Maritime Organization (IMO)	Not regulated
Transport of Dangerous Goods by Rail (RID)	Not regulated
Transport of Dangerous Goods by Road (ADR)	Not regulated
Transportation of Dangerous Goods via Inland Waterways (ADN)	Not regulated

15. REGULATORY INFORMATION

USA

Federal Regulations

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

Common Name	CAS-No	Concentration
Zinc	7440-66-6	0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

This product contains the following HAPs: Compounds of Selenium, Chromium, Nickel and Manganese

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Common Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Zinc	X	X	X		X

Canada

Not classified

WHMIS Hazard Class

Non-controlled

European Union

In accordance with Annex I of Directive 67/548/EEC and its amendments, this substance does not need to be classified nor labeled

16. OTHER INFORMATION

Prepared By	Wyeth Department of Environment, Health & Safety
Format	This MSDS was prepared in accordance with ANSI Z400.1-2004.
List of References	Product Package Insert
Revision Summary	Administrative

Disclaimer:

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End of MSDS