



Material Safety Data Sheet
ANSI Format

Centrum Brands

Preparation Date 12-Feb-2007

Revision Date 01-Apr-2009

Revision Number 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Centrum Brands
Common Name	Not available
Chemical Name	Not applicable
Synonyms	Centrum, Centrum Performance, Centrum Silver, Centrum Millennium, Centrum Ultra, Centrum Silver Millennium, Centrum Silver Ultra
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 Tablet	Physical State Solid	Odor Not available
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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	Long-term intake of high levels of Vitamin A, other than from beta-carotene, may increase the risk of osteoporosis in postmenopausal women.

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
Inactive Ingredients	Not applicable	Remainder

Common Name	CAS-No	Composition
Magnesium (Magnesium Oxide)	1309-48-4	40 - 100 mg/tablet
Pantothenic acid (Calcium Pantothenate)	137-08-6	10 mg/tablet
Boron	13840-56-7	0 - 150 mcg/tablet
Calcium (Calcium Carbonate)	471-34-1	100 - 220 mg/tablet
Vitamin B1 (Thiamine Mononitrate)	532-43-4	1.5 - 4.5 mg/tablet
Biotin	56-85-5	30 - 45 mcg/tablet
Vitamin B6 (Pyridoxine Hydrochloride)	58-56-0	2 - 7 mg/tablet
Vitamin E (acetate)	58-95-7	30 - 70 IU/tablet
Folic Acid	59-30-3	400 - 500 mcg/tablet
Vitamin B12 (Cyanocobalamin)	68-19-9	6 - 25 mcg/tablet
Potassium	7447-40-7	0 - 80 mg/tablet
Molybdenum (Sodium Molybdate)	7631-95-0	20 - 75 mcg/tablet
Iodine (Potassium Iodide)	7681-11-0	100 - 150 mcg/tablet
Phosphorus	7757-93-9	48 - 125 mg/tablet
Vitamin B2 (Riboflavin)	83-88-5	1.7 - 5.1 mg/tablet
Vitamin K	84-80-0	0 - 30 mcg/tablet
Vitamin A	127-47-9	2500 - 4000 IU/tablet
Vitamin C (Ascorbic Acid)	50-81-7	60 - 120 mg/tablet
Ginkgo Biloba	15291-75-5	0 - 60 mg/tablet
Silicon	7631-86-9	0 - 4 mg/tablet
Tin	7772-99-8	0 - 10 mcg/tablet
Lutein	127-40-2	0 - 250 mcg/tablet
Ginseng Root	Not Applicable	0 - 50 mg/tablet
Vitamin D2	67-97-0	400-500 IU/tablet
Ferrous Fumarate	141-01-5	0 - 18 mg/tablet
Niacin	59-67-6	12 - 40 mg/tablet
Zinc Oxide	1314-13-2	11-15 mg/tablet
Copper (Cupric Oxide)	1317-38-0	1-2 mg/tablet
Manganese Sulfate	7785-87-7	1 - 4.5 mg/tablet
Chromic Chloride	10025-73-7	20 - 150 mcg/tablet
Chloride	None Assigned	0 - 72 mg/tablet
Selenium (Sodium Selenate)	13410-01-0	0-70 mcg/tablet
Nickelous Sulfate	10101-97-0	0-5 mcg/tablet
Vanadium (Sodium Metavanadate)	13718-26-8	0 - 10 mcg/tablet
Dibasic Calcium Phosphate	7757-93-9	94 mg/tablet
Potassium Chloride	7447-40-7	61 mg/tablet
Magnesium Stearate	557-04-0	0 - 1 mg/tablet
Cupric Sulfate	7758-98-7	.35 mg/tablet

4. FIRST AID MEASURES

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice
Skin Contact	Wash off immediately with soap and plenty of water
Inhalation	Artificial respiration and/or oxygen may be necessary
Ingestion	Immediate medical attention is not required

5. FIRE-FIGHTING MEASURES

Flammable Properties Presumed to be a combustible particulate solid.

Extinguishing Media

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire

Fire Fighting Evacuate area and fight fire from a safe distance

Hazardous Combustion Products Hazardous Combustion Products

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Safety glasses or goggles when splash potential exists

Environmental Precautions 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

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice

Storage 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
Respiratory Protection	No personal respiratory protective equipment normally required.

General Hygiene Considerations No data available

Other Limit access to only personnel trained in the safe handling of this material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Tablet	Physical State	Solid
Color	Various	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	
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
Inactive Ingredients	
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Magnesium (Magnesium Oxide)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Pantothenic acid (Calcium Pantothenate)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Boron	
LD50 Oral	No data available
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Calcium (Calcium Carbonate)

LD50 Oral	6450 mg/kg rats
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin B1 (Thiamine Mononitrate)

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Biotin

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin B6 (Pyridoxine Hydrochloride)

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin E (acetate)

LD50 Oral	Not applicable
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Folic Acid

LD50 Oral	> 1900 mg/kg rats
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Vitamin B12 (Cyanocobalamin)

LD50 Oral	Not applicable
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Potassium

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Molybdenum (Sodium Molybdate)

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Iodine (Potassium Iodide)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Phosphorus	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin B2 (Riboflavin)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin K	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin A	
LD50 Oral	Not applicable
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Vitamin C (Ascorbic Acid)	
LD50 Oral	>11 gm/kg rats
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Ginkgo Biloba	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Silicon	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Tin	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Lutein

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Ginseng Root

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Vitamin D2

LD50 Oral	Not applicable
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Ferrous Fumarate

LD50 Oral	3850 mg/kg rats 1570 mg/kg mice
Acute Dermal Irritation	Not applicable
Primary Eye Irritation	Not applicable
Sensitization	Not applicable

Niacin

LD50 Oral	7000 mg/kg rats 3720 mg/kg mice 4550 mg/kg rabbits
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Zinc Oxide

LD50 Oral	>5000 mg/kg rats
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Copper (Cupric Oxide)

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Manganese Sulfate

LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Chromic Chloride

LD50 Oral	No data available
Acute Dermal Irritation	No data available

Primary Eye Irritation	No data available
Sensitization	No data available
Chloride	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Selenium (Sodium Selenate)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Nickelous Sulfate	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Vanadium (Sodium Metavanadate)	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Dibasic Calcium Phosphate	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Potassium Chloride	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Magnesium Stearate	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Cupric Sulfate	
LD50 Oral	No data available
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available
Multiple Dose Toxicity	Not available
Inactive Ingredients	

No Toxicologic Effect No data available
Dose/Species/Study Length:

Magnesium (Magnesium Oxide)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Pantothenic acid (Calcium Pantothenate)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Boron
No Toxicologic Effect Not applicable
Dose/Species/Study Length:

Calcium (Calcium Carbonate)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Vitamin B1 (Thiamine Mononitrate)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Biotin
No Toxicologic Effect No data available
Dose/Species/Study Length:

Vitamin B6 (Pyridoxine Hydrochloride)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Vitamin E (acetate)
No Toxicologic Effect Not applicable
Dose/Species/Study Length:

Folic Acid
No Toxicologic Effect Not applicable
Dose/Species/Study Length:

Vitamin B12 (Cyanocobalamin)
No Toxicologic Effect Not applicable
Dose/Species/Study Length:

Potassium
No Toxicologic Effect No data available
Dose/Species/Study Length:

Molybdenum (Sodium Molybdate)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Iodine (Potassium Iodide)
No Toxicologic Effect No data available
Dose/Species/Study Length:

Phosphorus

No Toxicologic Effect Dose/Species/Study Length:	No data available
Vitamin B2 (Riboflavin) No Toxicologic Effect Dose/Species/Study Length:	No data available
Vitamin K No Toxicologic Effect Dose/Species/Study Length:	No data available
Vitamin A No Toxicologic Effect Dose/Species/Study Length:	Not applicable
Vitamin C (Ascorbic Acid) No Toxicologic Effect Dose/Species/Study Length:	No data available
Ginkgo Biloba No Toxicologic Effect Dose/Species/Study Length:	No data available
Silicon No Toxicologic Effect Dose/Species/Study Length:	No data available
Tin No Toxicologic Effect Dose/Species/Study Length:	No data available
Lutein No Toxicologic Effect Dose/Species/Study Length:	No data available
Ginseng Root No Toxicologic Effect Dose/Species/Study Length:	No data available
Vitamin D2 No Toxicologic Effect Dose/Species/Study Length:	Not applicable
Ferrous Fumarate No Toxicologic Effect Dose/Species/Study Length:	Not applicable
Niacin No Toxicologic Effect Dose/Species/Study Length:	No data available
Zinc Oxide No Toxicologic Effect Dose/Species/Study Length:	No data available
Copper (Cupric Oxide)	

No Toxicologic Effect Dose/Species/Study Length:	No data available
Manganese Sulfate No Toxicologic Effect Dose/Species/Study Length:	No data available
Chromic Chloride No Toxicologic Effect Dose/Species/Study Length:	No data available
Chloride No Toxicologic Effect Dose/Species/Study Length:	No data available
Selenium (Sodium Selenate) No Toxicologic Effect Dose/Species/Study Length:	No data available
Nickelous Sulfate No Toxicologic Effect Dose/Species/Study Length:	No data available
Vanadium (Sodium Metavanadate) No Toxicologic Effect Dose/Species/Study Length:	No data available
Dibasic Calcium Phosphate No Toxicologic Effect Dose/Species/Study Length:	No data available
Potassium Chloride No Toxicologic Effect Dose/Species/Study Length:	No data available
Magnesium Stearate No Toxicologic Effect Dose/Species/Study Length:	No data available
Cupric Sulfate No Toxicologic Effect Dose/Species/Study Length:	No data available
<u>Maximum Tolerated Dose (MTD), Oral</u>	Not available
Inactive Ingredients	
Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available
Magnesium (Magnesium Oxide)	
Carcinogenicity	No data available
Genetic Toxicity	Not mutagenic in AMES Test.
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Pantothenic acid (Calcium Pantothenate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Boron

Carcinogenicity	Not applicable
Genetic Toxicity	Not applicable
Reproductive Toxicity	Not applicable
Developmental Toxicity	Not applicable

Calcium (Calcium Carbonate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin B1 (Thiamine Mononitrate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Biotin

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin B6 (Pyridoxine Hydrochloride)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin E (acetate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Folic Acid

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin B12 (Cyanocobalamin)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Potassium

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Molybdenum (Sodium Molybdate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Iodine (Potassium Iodide)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Phosphorus

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin B2 (Riboflavin)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin K

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin A

Carcinogenicity	No data available
Genetic Toxicity	Not applicable
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin C (Ascorbic Acid)

Carcinogenicity	Under the conditions of the National Toxicology Program (NTP) studies, there was no evidence of Carcinogenicity activity in male or female rats or mice.
Genetic Toxicity	No studies to assess the mutagenic potential have been performed.
Reproductive Toxicity	No data available
Developmental Toxicity	Studies to evaluate the teratogenic potential have not been performed.

Ginkgo Biloba

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Silicon

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Tin

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Lutein

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Ginseng Root

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vitamin D2

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Ferrous Fumarate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Niacin

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Zinc Oxide

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Copper (Cupric Oxide)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Manganese Sulfate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Chromic Chloride

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Chloride

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Selenium (Sodium Selenate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Nickelous Sulfate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Vanadium (Sodium Metavanadate)

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Dibasic Calcium Phosphate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Potassium Chloride

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Magnesium Stearate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Cupric Sulfate

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Inactive Ingredients

Target Organ(s) of Toxicity	No data available
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Magnesium (Magnesium Oxide)

Target Organ(s) of Toxicity	No data available
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Pantothenic acid (Calcium Pantothenate)

Target Organ(s) of Toxicity	No data available
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Boron

Target Organ(s) of Toxicity	No data available
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Calcium (Calcium Carbonate)

Target Organ(s) of Toxicity	No data available
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Vitamin B1 (Thiamine Mononitrate)

Target Organ(s) of Toxicity	No data available
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Biotin

Target Organ(s) of Toxicity	No data available
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Vitamin B6 (Pyridoxine Hydrochloride)

Target Organ(s) of Toxicity	No data available
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Vitamin E (acetate)

Target Organ(s) of Toxicity	No data available
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Folic Acid

Target Organ(s) of Toxicity	No data available
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Vitamin B12 (Cyanocobalamin)

Target Organ(s) of Toxicity	No data available
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Potassium

Target Organ(s) of Toxicity	No data available
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Molybdenum (Sodium Molybdate)

Target Organ(s) of Toxicity	No data available
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Iodine (Potassium Iodide)

Target Organ(s) of Toxicity	No data available
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Phosphorus

Target Organ(s) of Toxicity	No data available
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Vitamin B2 (Riboflavin)

Target Organ(s) of Toxicity	No data available
Vitamin K	
Target Organ(s) of Toxicity	No data available
Vitamin A	
Target Organ(s) of Toxicity	No data available
Vitamin C (Ascorbic Acid)	
Target Organ(s) of Toxicity	No data available
Ginkgo Biloba	
Target Organ(s) of Toxicity	No data available
Silicon	
Target Organ(s) of Toxicity	No data available
Tin	
Target Organ(s) of Toxicity	No data available
Lutein	
Target Organ(s) of Toxicity	No data available
Ginseng Root	
Target Organ(s) of Toxicity	No data available
Vitamin D2	
Target Organ(s) of Toxicity	No data available
Ferrous Fumarate	
Target Organ(s) of Toxicity	No data available
Niacin	
Target Organ(s) of Toxicity	No data available
Zinc Oxide	
Target Organ(s) of Toxicity	No data available
Copper (Cupric Oxide)	
Target Organ(s) of Toxicity	No data available
Manganese Sulfate	
Target Organ(s) of Toxicity	No data available
Chromic Chloride	
Target Organ(s) of Toxicity	No data available
Chloride	
Target Organ(s) of Toxicity	No data available
Selenium (Sodium Selenate)	
Target Organ(s) of Toxicity	No data available
Nickelous Sulfate	

Target Organ(s) of Toxicity	No data available
Vanadium (Sodium Metavanadate) Target Organ(s) of Toxicity	No data available
Dibasic Calcium Phosphate Target Organ(s) of Toxicity	No data available
Potassium Chloride Target Organ(s) of Toxicity	No data available
Magnesium Stearate Target Organ(s) of Toxicity	No data available
Cupric Sulfate Target Organ(s) of Toxicity	No data available

12. ECOLOGICAL INFORMATION

Chemical Fate Information Not available

Ecotoxicity Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of unused product as hazardous waste

14. TRANSPORT INFORMATION

Transport Information This material is not classified as hazardous for transport.

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Common Name	CAS-No	Concentration
Chromic Chloride	10025-73-7	<1%
Zinc Oxide	1314-13-2	<1%
Copper (Cupric Oxide)	1317-38-0	<1%
Manganese Sulfate	7785-87-7	<1%
Vanadium (Sodium Metavanadate)	13718-26-8	<1%
Selenium (Sodium Selenate)	13410-01-0	<1%
Nickelous Sulfate	10101-97-0	<1%

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 contains the following Proposition 65 chemicals: Retinol/Retinyl esters, when in daily doses in excess of 10,000 IU or 3,000 retinonal equivalents. Listed on Proposition 65 as Developmental.

Canada

Not Determined

WHMIS Hazard Class

Not determined

European Union

Not Determined

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	See Patient Package Insert for more information.
Revision Summary	Addition to synonyms (Section 1).

Disclaimer:

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End of MSDS