



# SAFETY DATA SHEET

## Multivitamin Supplement (without Iron)

### 1. IDENTIFICATION

**Product identifier:** Multivitamin Supplement (without Iron) in 1mL Oral Prefilled Liquid Syringe

**Product Codes:** 0121-1092-01, 0121-1092-03

**Supplier Name and Address:** PAI Pharma  
1700 Perimeter Road  
Greenville, SC 29605

**Telephone number:** (864) 277-7282

**Emergency phone number:** CHEMTREC 800-424-9300

**Recommended use:** Human drug – vitamin supplement

**Restrictions on use:** Use only as directed

### 2. HAZARD(S) IDENTIFICATION

**Classification:**

Physical	Health
Not hazardous	Not hazardous

**Label Elements:**

Not hazardous in accordance with the GHS and OSHA Hazcom 2024.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Amount
Glycerin	56-81-5	Proprietary
Flavors	Mixture	Proprietary
Polysorbate 80	9005-64-5	Proprietary
Ferrous sulfate	7720-78-7	Proprietary
Sulfuric acid (antioxidant for iron)	7664-93-9	<1%
Sulfites	Mixture	Proprietary
Water	7732-18-5	Proprietary
Vitamin A	68-26-8	0.025%
Vitamin D	67-97-0	0.001%
Vitamin E	1406-18-4	0.5%
Thiamin	70-16-6	0.03%
Vitamin C	50-81-7	5%
Riboflavin	83-88-5	0.04%
Niacin	59-67-6	0.4%
Vitamin B6	8059-24-3	0.03%
Vitamin B12	68-19-9	<0.001%

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The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

**Inhalation:** Remove person to fresh air. If irritation or other symptoms occur, get medical attention.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. If irritation develops, get medical attention. Launder clothing before reuse.

**Eye contact:** Immediately flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.

**Ingestion:** In the case of unintentional ingestion or overdose, rinse mouth with water. Get medical attention if any symptoms develop.

**Most important symptoms/effects, acute and delayed:** May cause minor eye irritation. May cause mild skin irritation.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is not generally required.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use any media that is suitable for the surrounding fire.

**Specific hazards arising from the chemical:** Product is not classified as flammable or combustible but will burn in a fire after the water has evaporated.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective clothing and equipment as described in Section 8.

**Environmental Precautions:** Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

**Methods and materials for containment and cleaning up:** Contain and collect with an inert absorbent material. Place in appropriate container for disposal. Clean area thoroughly.

### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid the generation of mists. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities:** Store as indicated on product packaging.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure guidelines:

Glycerin	5 mg/m <sup>3</sup> (respirable, 15 mg/m <sup>3</sup> (total) OSHA PEL
Flavors	None Established
Polysorbate 80	None Established
Ferrous sulfate	None Established
Sulfuric acid (antioxidant for iron)	0.2 mg/m <sup>3</sup> (thoracic) TWA ACGIH TLV 1 mg/m <sup>3</sup> TWA OSHA PEL
Sulfites	None Established
Vitamin A	None Established
Vitamin D	None Established
Vitamin E	None Established
Thiamin	None Established
Vitamin C	None Established
Riboflavin	None Established
Niacin	None Established
Vitamin B6	None Established
Vitamin B12	None Established

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to keep exposures below occupational exposure limits and to minimize exposure levels.

#### Individual protection measures:

**Respiratory protection:** None needed under normal use conditions. If exposure limits are exceeded, a NIOSH approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin protection:** None required for normal use. Impervious gloves recommended for manufacturing operations.

**Eye protection:** None required for normal use. Chemical safety goggles recommended for manufacturing operations.

**Other:** None known.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>pH:</b> No data available
<b>Odor:</b> No specific odor	<b>Color:</b> Colorless to slightly colored
<b>Melting point/freezing point:</b> Not determined	<b>Boiling Point:</b> Not determined
<b>Flash point:</b> Not applicable	<b>Particle Characteristics:</b> Not applicable for liquids
<b>Flammability:</b> Not flammable	<b>VOC:</b> Not determined
<b>Flammable limits: LEL:</b> None	<b>UEL:</b> None
<b>Vapor pressure:</b> Same as water	<b>Relative vapor density:</b> Same as water

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<b>Relative density:</b> No data available	<b>Solubility(ies):</b> Soluble in water
<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Kinematic Viscosity:</b> Not determined

### 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** None known.

**Incompatible materials:** Avoid oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

**Acute effects of exposure:**

**Inhalation:** Inhalation of mists may cause minor irritation of the mucous membranes and upper respiratory tract.

**Ingestion:** No adverse effects are expected.

**Skin contact:** May cause mild irritation.

**Eye contact:** May cause mild irritation with redness and tearing.

**Chronic Effects:** None known.

**Sensitization:** Components are not known to be sensitizers.

**Germ Cell Mutagenicity:** Components are not classified as germ cell mutagens

**Reproductive Toxicity:** Components are not classified as reproductive toxins.

**Carcinogenicity:** None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, or OSHA.

**Acute Toxicity Values:** Acute Oral Toxicity Estimate (ATE) calculated: >5000 mg/kg

### 12. ECOLOGICAL INFORMATION

Environmental properties have not been fully evaluated. Releases to the environment should be avoided.

**Ecotoxicity values:** No data available

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data is available.

**Other adverse effects:** None known.

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

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## 14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

**Transport in bulk according to IMO instruments:** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

## 15. REGULATORY INFORMATION

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA:** This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Refer to Section 2 for the OSHA hazard classification.

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313:  
None

**EPA TSCA Inventory:** This product is a drug and not subject to TSCA.

**California Proposition 65:** This product is not known to contain listed chemicals.

**CANADA:**

**Canadian CEPA:** This product is a drug and not subject to CEPA regulations.

## 16. OTHER INFORMATION

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**SDS Revision History:** New SDS

**Disclaimer :** The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality

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specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.