1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Leucovorin Calcium
Common Name: Not available
Chemical Name: Not applicable
Synonyms: Leucovorin Calcium, Calcium Levofolinate, Calcium Folinate Oral Tablets, Levofolinic Acid, Folinic Acid
Product Use: Pharmaceutical product
Classification: Antidote to Folic Acid Antagonists
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 contains an active pharmaceutical ingredient that can affect body functions; handle with caution.

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

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

Potential Health Effects:

| Eyes         | Not available          |
| Skin        | Not available          |
| Inhalation  | Not available          |
| Ingestion   | The most common effects may include pyrexial reactions, anaphylactoid/anaphylactic reactions (including shock), leucopenia, mucositis, inflammation of the mouth and diarrhea. |

Please see Patient Package Insert for further information.

Therapeutic Target Organ(s): Metabolic system.

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

Preparation Date: 07-May-2007
Revision Date: Not applicable
Revision Number: Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Levofolinate</td>
<td>1492-18-8</td>
<td>5 mg/tablet</td>
</tr>
<tr>
<td>Inactive Ingredients</td>
<td>Not applicable</td>
<td>Remainder</td>
</tr>
</tbody>
</table>

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

Common Name Exposure Guideline
Calcium Levofolinate 25 mcg/m³

Engineering Controls
Apply technical measures to comply with the occupational exposure guideline. Local exhaust ventilation is needed for limited open handling or where aerosols may be generated.

Personal Protective Equipment
Eye/face Protection
Provide eye protection based on risk assessment.
Skin Protection
Wear nitrile or latex gloves. Wear protective garment.
Respiratory Protection
Base respirator selection on a risk assessment.

General Hygiene
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pharmaceutical tablet</td>
</tr>
<tr>
<td>Color</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Upper Not applicable</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>Upper Not applicable</td>
</tr>
<tr>
<td>Autoignition Temperature Method</td>
<td>None</td>
</tr>
<tr>
<td>Water Solubility</td>
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</tr>
<tr>
<td>Evaporation Rate</td>
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</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature Method</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
</tbody>
</table>
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

The following effects are based on the Active Pharmaceutical Ingredient.

Acute Toxicity

Calcium Levofolinate
LD50 Oral
Not available
Acute Dermal Irritation
Not available
Primary Eye Irritation
Not available
Sensitization
Not available

Multiple Dose Toxicity

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

Maximum Tolerated Dose (MTD), Oral

Calcium Levofolinate
Carcinogenicity
Long-term animal toxicity studies to evaluate the carcinogenic potential have not been conducted.
Genetic Toxicity
No studies to assess the mutagenic potential have been performed.
Reproductive Toxicity
Reproductive studies in rat and rabbits have revealed no evidence of harm to the fetus.
Developmental Toxicity
Studies to evaluate the teratogenic potential have not been performed.

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

12. ECOLOGICAL INFORMATION

The following effects are based on the Active Pharmaceutical Ingredient.

Chemical Fate Information
Not available

Ecotoxicity
Not available
13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

<table>
<thead>
<tr>
<th>Transport Information</th>
<th>Regulatory Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Department of Transport (DOT)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Canadian Transport of Dangerous Goods (TDG)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>International Civil Aviation Organization (ICAO)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>International Air Transport Association (IATA)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>International Maritime Dangerous Goods (IMDG)/International Maritime Organization (IMO)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Transport of Dangerous Goods by Rail (RID)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Transport of Dangerous Goods by Road (ADR)</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Transportation of Dangerous Goods via Inland Waterways (ADN)</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

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.

SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

This product does not contain any HAPs.

State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

Canada
Not classified
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: Not applicable

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End of MSDS