# Trecator

## 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Trecator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>Not available</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Synonyms</td>
<td>Ethionamide, Ethionamide Tablets</td>
</tr>
<tr>
<td>Product Use</td>
<td>Pharmaceutical product</td>
</tr>
<tr>
<td>Classification</td>
<td>Anti-infective Agent</td>
</tr>
<tr>
<td>Supplier</td>
<td>Wyeth P.O. Box 8299 Philadelphia, PA 19101 USA. Telephone: 1-610-688-4400</td>
</tr>
</tbody>
</table>

**Emergency Telephone Number**

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

## 2. HAZARDS IDENTIFICATION

### 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 gastrointestinal disturbances, mental depression, drowsiness, dizziness, restlessness, headache, postural hypotension, blurred vision, loss of vision, liver effects, and hypersensitivity reactions. Hypoglycemia, hypothyroidism, excessive development of the male mammary glands, impotence, and acne may also occur. May cause harm to the unborn child.

Please see Patient Package Insert for further information.

- **Therapeutic Target Organ(s)**: Respiratory system.

### Potential Environmental Effects

There is no known ecological information for this product.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethionamide</td>
<td>536-33-4</td>
<td>250 mg/tablet</td>
</tr>
<tr>
<td>Inactive Ingredients</td>
<td>Not applicable</td>
<td>.? mg/tablet</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye Contact
In the case of contact with eyes, rinse immediately with plenty of water 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

<table>
<thead>
<tr>
<th>Eye/face Protection</th>
<th>Avoid contact with skin and eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Protection</td>
<td>For prolonged or repeated exposure use protective gloves. No special protective clothing required under typical conditions of use.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>No personal respiratory protective equipment normally required.</td>
</tr>
<tr>
<td>General Hygiene Considerations</td>
<td>When using, do not eat, drink or smoke. General industrial hygiene practice. Wash hands before breaks and at the end of workday.</td>
</tr>
<tr>
<td>Other</td>
<td>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.</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Pharmaceutical Tablet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Orange</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not applicable</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 applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</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>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature Method</td>
<td>None</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>Upper Not applicable</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>Lower Not applicable</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
Ethionamide
LD50 Oral  1320 mg/kg rats
          1000 mg/kg mice
Acute Dermal Irritation  Not applicable
Primary Eye Irritation  Not applicable
Sensitization  Not applicable

Multiple Dose Toxicity
Maximum Tolerated Dose (MTD), Oral

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.
U.S. Department of Transport (DOT)  Not regulated
Canadian Transport of Dangerous Goods (TDG)  Not regulated
International Civil Aviation Organization (ICAO)  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.

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 does not contain any HAPs..

State Regulations

California Proposition 65
Listed on Proposition 65 as Developmental.

Canada
Not classified

WHMIS Hazard Class
Non-controlled

European Union
In accordance with EC directives or respective national laws, the product 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 See Patient Package Insert for more information.
Revision Summary Not applicable

Disclaimer:
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End of MSDS