1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name
Minocin Oral Suspension

Common Name
Not available

Chemical Name
Not applicable

Synonyms
Not available

Product Use
Pharmaceutical product

Classification
Anti-infective Agent

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. COMPOSITION/INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Emergency Overview
This contains an active pharmaceutical ingredient that can affect body functions; handle with caution.

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biopharmaceutical liquid</td>
<td>Liquid</td>
<td>Alcohol odor</td>
</tr>
</tbody>
</table>

Potential Physical Hazards
Not available

Potential Health Effects

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Skin</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritating to eyes.</td>
<td>May cause irritation.</td>
<td>May cause mucous membrane and upper respiratory tract irritation.</td>
<td>The most common effects may include photosensitivity, central nervous system effects (lightheadedness, dizziness, vertigo), superinfection, nausea, vomiting, intracranial hypertension, and hepatotoxicity.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>May cause cancer. May cause harm to the unborn child. May cause harm to breastfed babies.</td>
</tr>
</tbody>
</table>

Please see Patient Package Insert for further information.

Therapeutic Target Organ(s)
None

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

Extinguishing Media
Suitable Extinguishing Media
Use alcohol-resistant 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

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Exposure Guideline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minocycline Hydrochloride</td>
<td>200 mcg/m³</td>
</tr>
</tbody>
</table>
Common Name Exposure Guideline
Ethanol 1900 mg/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
No personal respiratory protective equipment normally required.
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>Appearance</th>
<th>Biopharmaceutical liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Yellow</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>2 - 2.8</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</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>78.5°C / 173°F</td>
</tr>
<tr>
<td>Flash 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>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol odor</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>217°C / 423°F</td>
</tr>
<tr>
<td>Lower</td>
<td>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
Multiple Dose Toxicity

Minocycline Hydrochloride

LD50 Oral
2380 mg/kg rats
1700 mg/kg mice

Acute Dermal Irritation
Not irritating to rabbit skin.

Primary Eye Irritation
Non irritating.

Sensitization
Not a dermal sensitizer in guinea pigs.

Ethanol

LD50 Oral
3450 mg/kg mice
7060 mg/kg rats

Acute Dermal Irritation
Moderate irritation effect in rabbits.

Primary Eye Irritation
Severely irritating to rabbit eyes.

Sensitization
Not applicable

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.

### 15. REGULATORY INFORMATION

According to present data no classification and labeling is required according to Directives 67/548/EEC or 1999/45/EC.

### 16. OTHER INFORMATION

**Prepared By**
Wyeth Department of Environment, Health & Safety

**Format**
This MSDS was prepared in accordance with Directive 2001/58/EC.

**List of References**
See Patient Package Insert for more information.

**Revision Summary**
Not applicable

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End of MSDS