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

Product Name: Synvisc
Common Name: Not available
Chemical Name: Not applicable
Synonyms: Hylan G-F 20, Hyaluronic acid, WABPB400
Product Use: Pharmaceutical product
Classification: Cartilaginous Defect Repair 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

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No</th>
<th>EC No.</th>
<th>Composition</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hylan Polymers (HYLAN A &amp; HYLANT B)</td>
<td>None Assigned</td>
<td>Not assigned</td>
<td>0.8 %</td>
<td>None assigned</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>99.2 %</td>
<td>None assigned</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

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

Appearance: Pharmaceutical Liquid
Physical State: Liquid
Odor: Not available

Potential Physical Hazards: None known

Potential Health Effects:
- Eyes: May cause eye irritation
- Skin: None known
- Inhalation: None known
- Ingestion: None known
- Therapeutic Target Organ(s): Musculoskeletal system

Potential Environmental Effects: Not listed by OSHA, NTP or IARC.

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
None known

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

Risk Based Exposure Control Classification
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**: Avoid contact with skin and eyes. Provide eye protection based on a risk assessment.
- **Skin Protection**: For prolonged or repeated exposure use protective gloves. No special protective clothing required under typical conditions of use.
- **Respiratory Protection**: No personal respiratory protective equipment normally required.
- **General Hygiene Considerations**: 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><strong>Appearance</strong></td>
<td>Pharmaceutical Liquid</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>6.9-7.5</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Partition Coefficient</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>100°C</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammability Limits in Air</strong></td>
<td>Upper Not applicable</td>
</tr>
<tr>
<td><strong>Explosion Limits</strong></td>
<td>Upper 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

Maximum Tolerated Dose (MTD), Oral

12. ECOLOGICAL INFORMATION

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
MDL MSDS March 18, 2002

Revision Summary
Not applicable

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End of MSDS