MATERIAL SAFETY DATA SHEET
MSDS # 0029
ABSORBINE LIQUID HOOFLEX

W. F. YOUNG, INC.
302 Benton Drive
East Longmeadow, MA 01028

Non-Emergency Telephone: MA (413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Liquid Hooflex
PRODUCT DESCRIPTION: Brown Paste-like solution

MEDICAL EMERGENCY TELEPHONE (Poison Center): (303) 623-5716
TRANSPORTATION EMERGENCY TELEPHONE (Chemtrec): 1-800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS (Typical Values)

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NO.</th>
<th>WT.%</th>
<th>ACGIH(TLV)</th>
<th>OSHA(PEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turpentine</td>
<td>800-64-2</td>
<td>4 – 8%</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

OTHER IMPORTANT INGREDIENTS
Petrolatum
Lanolin
Neatsfoot Oil
Gum Rosin
Pine Tar
Chloroxylenol

SECTION 3: HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure
Not expected to present a significant health hazard.

Routes of Entry:
Inhalation? Yes
Skin? Yes
Ingestion? Yes

Health Hazards (Acute and Chronic)
The Health effects noted below are consistent with requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200).

EYE CONTACT:
Not an eye irritant. (FHSLA)

SKIN CONTACT:
Not a primary irritant (FHSLA)
No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin exposure.

INGESTION:
Do not induce vomiting. Seek medical attention.

Carcinogenicity: NTP? No  IARC Monograph? No  OSHA Monograph? No
Medical Conditions Generally Aggravated by Exposure:
Pre-existing skin disorders may be aggravated by exposure.
SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:  
Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if needed.

SKIN CONTACT:  
If irritation occurs, flush skin with water. If irritation persists, get medical attention.

INHALATION:  
Remove victim to fresh air, treat symptomatically. Get medical attention if symptoms persist.

INGESTION:  
Contact a physician or Poison Control Center immediately. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point  (Method Used)  Flammable Limits  LEL  UEL  
N/A  N/E  N/E  N/E

Extinguishing Media  
Foam, Carbon Dioxide, Dry Chemical and Water Fog.

Special Fire Fighting Procedures  
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture.

Unusual Fire and Explosion Hazards  
Do not use direct stream of water. Material may float and reignite.

SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL

Spill Control Methods  
Avoid eye or skin contact. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use an absorbent. Avoid runoff into storm sewers and ditches which lead to natural waterways. All clean up and disposal should be carried out in accordance with Federal, State, and Local Regulations. If required, state and local authorities should be notified.

Waste Disposal Methods  
Landfill solids at permitted sites. Preferred method is incineration or biological treatment in federal/state approved facility.

SECTION 7: HANDLING & STORAGE

Precautions To Be Taken In Handling & Storing  
Store away from oxidizing agents.

Other Precautions  
Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.
SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respirator Protection
None likely to be needed.

Ventilation
None likely to be needed.

Skin and Eye Protection:
Avoid contact with eyes.

Other Protective Clothing or Equipment:
Eye wash; safety showers; wash after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not Established</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Evaporation Rate (butyl acetate = 1)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Volatile Fraction by Weight</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Solubility in Water (By weight %)</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1) @ 25 C</td>
<td>0.8878</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Appearance</td>
<td>Brown Paste-like liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Tar-like</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility (Materials to avoid)</td>
<td>Oxidizing materials can cause a vigorous reaction</td>
</tr>
<tr>
<td>Hazardous Decomposition or By-Products</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
</tbody>
</table>

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>35g/kg (rats)</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>7g/kg (rabbits)</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Not Established</td>
</tr>
<tr>
<td>Eye effects</td>
<td>Not an eye irritant.</td>
</tr>
<tr>
<td>Skin effects</td>
<td>Is not a primary skin irritant.</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches which lead to natural waterways.
SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Preferred method is incineration or biological treatment in federal/state approved facility.

SECTION 14: TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>DOT, IMO, ICAO, Transport Canada</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD CLASS:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>PROPER SHIPPING NAME:</td>
<td>Hoof Dressing</td>
</tr>
<tr>
<td>UN NUMBER:</td>
<td></td>
</tr>
<tr>
<td>LABEL:</td>
<td>SPECIAL</td>
</tr>
<tr>
<td>PACKING GROUP:</td>
<td>None</td>
</tr>
<tr>
<td>PLACARD:</td>
<td></td>
</tr>
<tr>
<td>FLASH POINT:</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

HAZARD CLASS: Not Applicable
PROPER SHIPPING NAME: Hoof Dressing
UN NUMBER:                  
LABEL: SPECIAL
PACKING GROUP: None
PLACARD: Not Applicable
FLASH POINT: Not Applicable

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATION

OSHA: Subpart Z
TSCA: EPA, Section 2, section 313 -
CERCLA HAZARDOUS SUBSTANCE (40 CFR 302): Turpentine: immediate; fire
SARA Title III: No
SARA Hazard Categories:  Turpentine: immediate; fire
TURA 3B

<table>
<thead>
<tr>
<th>CHEMICAL SUBSTANCE</th>
<th>CAS NO.</th>
<th>CONCENTRATION % WT.</th>
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<tr>
<td>Turpentine</td>
<td>8006-64-2</td>
<td>4 - 8%</td>
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</tbody>
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LISTED UNDER THE FOLLOWING: FEDERAL REGULATIONS; STATE REGULATIONS; INTERNATIONAL REGULATIONS

Florida (turpentine); New Jersey (turpentine); Mass. DEP RQ, CAS #8006-64-2 = 10 lbs.

SECTION 16: OTHER INFORMATION

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