W. F. YOUNG, INC.  Non-Emergency Telephone:  
302 Benton Drive  
East Longmeadow, MA  01028  
MA (413) 526-9999

Date Written: May 23, 2011

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Flys-X  
FORMULA: 214125

PRODUCT DESCRIPTION: Aqueous Insecticide

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>Pyrethrins</td>
<td>8003-34-7</td>
<td>0.1</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>&lt;0.5</td>
<td>2mg/m³</td>
<td>2mg/m³</td>
</tr>
</tbody>
</table>

OTHER IMPORTANT INGREDIENTS

Mixture of solvents, stabilizers, and conditioning agents.  
A proprietary surfactant system: 058 <1

Piperonyl Butoxide, Technical  51-03-06  1.0
1, 2-benzisothiazolin-3-one  2634-33-5  <1.0
Dipropylene glycol  25625-71-8  <5
Water  <100
**SECTION 3: HAZARDS IDENTIFICATION**

**Signs and Symptoms of Exposure**
Not established. See Section 11 for screening test results.

**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:**
- Severely irritating

**SKIN CONTACT:**
- Moderately irritating

**INHALATION:**
- No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.

**INGESTION:**
- May produce irritation of the mouth, pharynx, esophagus, and stomach.

**Carcinogenicity:**
- NTP? No
- IARC Monograph? No
- OSHA Monograph? No

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**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 as soon as possible.

**SKIN CONTACT:**
Remove contaminated clothing and wash affected areas with soap and water. If irritation occurs, 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 unless directed by a physician.

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**SECTION 5: FIRE FIGHTING MEASURES**

**Flash Point (Method Used)**
- Not applicable

**Extinguishing Media**
- Use Foam, CO₂ dry chemical, and Water Fog.

**Special Fire Fighting Procedures**
- Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards**
- None.
SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL

Spill Control Methods
Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, soak up with an absorbent material such as sand, sawdust, earth, fuller’s earth, etc. Dispose of with chemical waste. 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
Do not contaminate water, food, or feed by storage or disposal. Consult local state agency for other regulations. 
*Pesticide Disposal:* Product that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.
*Container Disposal:* Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

SECTION 7: HANDLING & STORAGE

Precautions To Be Taken In Handling & Storing
Store upright at room temperature.

Other Precautions
Keep container closed. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material. This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes, or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respirator Protection
N/A

Ventilation
Use adequate ventilation if in high concentrations.

Skin and Eye Protection:
Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes. Avoid prolonged or repeated contact with skin.

Other Protective Clothing or Equipment:
Eye wash; safety showers; wash after handling.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Established
MELTING POINT: N/A
VAPOR PRESSURE: Not Established
VAPOR DENSITY (AIR=1): Not Established
EVAPORATION RATE: (butyl acetate = 1) Not Established
VOLATILE FRACTION BY WEIGHT: 1%
SOLUBILITY IN WATER (By weight %): 100%
SPECIFIC GRAVITY (H₂O=1): 1.000
pH: 6.0 – 7.0
APPEARANCE: Light liquid
ODOR: Insecticide type

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Materials to avoid): Strong oxidizing agents.
Hazardous Decomposition or By-Products: Carbon dioxide and carbon monoxide
Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Category III
Oral LD50: >5g/Kg of body weight EPA Hazard Category IV Product Safety Labs T-9919 6/6/90 4300 mg/kg (male rat); 200 mg/kg (female rat)

Dermal LD50: >2000 mg/kg Repeat Insult Patch Test: Light skin irritation (undiluted) Primary Dermal irritation index: 0.58 Product Safety Labs T-9921 5/31/90
Draize Eye Test: Practically nonirritating to unwashed and washed eyes EPA Hazard Category III Product Safety Labs t-9920 5/6/90

Inhalation LC50: >2.6 mg/liter of air EPA Acute Dermal Toxicity Limit: Greater than 2g/Kg Product Safety labs T-9922 5/6/90

Eye effects: Mildly irritating
Skin effects: Mildly irritating

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches which lead to natural waterways. This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.
SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Do not contaminate water, food, or feed by storage or disposal. Consult local state agency for other regulations.
Pesticide Disposal: Product that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.
Container Disposal: Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

SECTION 14: TRANSPORTATION INFORMATION

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<thead>
<tr>
<th>DOT, IMO, ICAO, Transport Canada</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD CLASS:</td>
<td>HEALTH...</td>
</tr>
<tr>
<td>PROPER SHIPPING NAME:</td>
<td>Insecticide O/T Agricultural</td>
</tr>
<tr>
<td>UN NUMBER:</td>
<td>None</td>
</tr>
<tr>
<td>LABEL:</td>
<td>None</td>
</tr>
<tr>
<td>PACKING GROUP:</td>
<td>4=Extreme 3=High 2-Moderate 1=Slight 0=Insignificant</td>
</tr>
<tr>
<td>PLACARD:</td>
<td></td>
</tr>
<tr>
<td>FLASH POINT:</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATION
OSHA:
TSCA:
CERCLA HAZARDOUS SUBSTANCE (40 CFR 302): Reportable quantity, sec. 302.4: 1 lb (0.545 Kg)
SARA Title III: Threshold planning quantity, sec. 302
SARA Hazard Categories:

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SECTION 16: OTHER INFORMATION

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