Material Safety Data Sheet

Manufacturer
H-B Instrument Company                  Date: February 10, 2004
102 West Seventh Ave.              Supercedes MSDS of January 8, 2001
Trappe, PA  19426                  Emergency Telephone No.: (800) 255-3924
Ph: 610-489-5500
Fax: 610-489-9100

I. PRODUCT INFORMATION

Identity:               Enviro-Safe® Liquid Inside Thermometer
Chemical Name:         Mixture of Biodegradable Technical White Oil, Natural Citrus Oils
                        and Dark Green Monoazo-Anthroquinone Dye
Chemical Family:       Hydrocarbon and Monoazo-Anthroquinone Dye
Formula:               Not Applicable
CAS Registry Number:   Not Applicable
DOT Shipping Name:     Not Applicable
DOT Hazard Class:      Not Applicable

II. HAZARDOUS INGREDIENTS

Components: (Specific Chemical Identity; Common Name)                      Hazard Information
Name                                      OSHA PEL  ACGIH TLV  OTHERS
1. None Known                          N/A  N/A  N/A
No other hazards per OSHA 29 CFR 1910.1200. None under the Title III of Sara

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Vapor Pressure:         Not Determined
Vapor Density (Air=1):  Not Determined
Specific Gravity (H₂O=1): 0.806 at 23°C (ASTM D-792)
Melting Point:          Not Applicable
Evaporation Rate (Butyl Acetate=1): 0.04
Solubility In Water:    <0.03% By Weight
Appearance and Odor:    Dark Greenish Liquid, Citrus Smell, Volatile
IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 73.3° C (T.C.C. ASTM-D56)
Flammability Limits in Air, LEL: Not known
UEL: Not known
Extinguishing Media for Fires: Water, Fog, Carbon Dioxide, Foam Dry Chemical
Special Fire Fighting Procedures: Do not use stream water
Unusual Fire and Explosion Hazards: May produce dense black smoke and potentially toxic fume if bulk quantity of liquid is allowed to combust

V. REACTIVITY DATA

Stability: Stable
Materials to Avoid: Strong oxidizing or reducing agents
Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulfur on combustion
Conditions to Avoid (Stability): Away from heat or flame
Hazardous Polymerization Product: May not occur
Conditions to Avoid (Polymerization): None known

VI. HEALTH HAZARD DATA

Carcinogen or potential carcinogen:
NTP: N/A  IARC: N/A  OSHA: N/A

Health Hazard (Acute or Chronic):
Skin: Not a skin corrosive agent (4 Hr Exposure), NOT EXPECTED TO BE A HAZARD IN THE NORMAL INTENDED USE OF THE THERMOMETER
Eyes: NOT AN EYE IRRITANT PER USFHS
Ingestion: Acute oral LD50 >5g/kg in rat, human ingestion hazard not known
Inhalation: Not known
Medical Conditions
Generally Aggravated By Exposure: None known under normal use
Effects of Over Exposure: Can be irritating and corrosive to skin on prolonged exposure. NOT EXPECTED TO BE A HAZARD IN THE NORMAL INTENDED USE OF THE THERMOMETER
Emergency and First Aid Procedures

Skin: Wash immediately with water. Consult physician if irritation occurs.
Eyes: Wash immediately with water. Consult physician if irritation occurs.
Ingestion: Do not induce vomiting. Consult physician at once.
Inhalation: If liquid enters into lung, consult physician at once.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or Leak Procedures: Absorb with dry sand or oil absorbent
Disposal Recommendations: Comply with federal, state, or local regulation
Storage and Handling Recommendations: Keep away from heat or flame
Other Precautions: None known

VIII. CONTROL MEASURES

Respiratory Protection (Specify Type): None required under normal use conditions
Ventilation: Local
Protective Gloves: None required under normal use conditions
Eye Protection: None required under normal use conditions
Other Protection Equipment or Clothing: Chemical resistant protecting clothing if handling bulk quantity of liquid
Work Hygiene Practice: Standard industrial hygiene practices recommended if handling bulk quantity of liquid

IX. REGULATORY INFORMATION

OSHA Compliance: Please see Section II
State Right-To-Know Compliance:
Pennsylvania: No known hazardous component
New Jersey: No known hazardous component
Massachusetts: No known hazardous component
California: May contain component(s) subjected to EPA, TSCA Section 8(e) Status Report – May be regulated under other Federal Regulations
X. WARRANTY LIMITATION

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MATERIAL SAFETY DATA SHEET

Pylakrome Dark Green LX-1915A

SECTION I — IDENTIFICATION

Company Name: Pylam Products
Emergency Phone Number: 516-222-1750
Effective Date: 12/01/89
Revised Date: 12/09/92
Chemical Name: Pylakrome Dark Green LX-1915A
Trade Name: Pylakrome Dark Green LX-1915A
Chemical Family: Monoazo, Anthraquinone
Chemical Formula: Solvent Green 3 CAS# 128-80-3, Solvent Yellow 56 CAS# 2481-94-9,
Solvent Violet 13 CAS# 81-48-1

SECTION II — HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>Hazardous %</th>
<th>TLV (Units)</th>
<th>Prod. CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>None as per 29CFR Part 1910.1200</td>
<td>Listed above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None under Title III of SARA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION III — PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°F):</td>
<td>N/A</td>
</tr>
<tr>
<td>Freezing Point (°F):</td>
<td>N/A</td>
</tr>
<tr>
<td>Volatility/Vol. (%):</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air=1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in H₂O:</td>
<td>Soluble</td>
</tr>
<tr>
<td>Appearance/Odor:</td>
<td>Greenish Powder/No odor</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>N/A</td>
</tr>
<tr>
<td>pH:</td>
<td>N/A</td>
</tr>
</tbody>
</table>
SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Lower Flame Limit: N/A
Higher Flame Limit: N/A
Extinguish Media: In case of fire use water spray, foam, dry chemical or CO₂.
For Fire: Dust may form explosive mixture with air.
Unusual Fire Hazard: None

SECTION V — HEALTH HAZARD DATA

Threshold Limit Value: N/A
Overexposure Effects: HMIS Code: H=1, F=1, R=1, PP SD;
Eyes: May cause eye irritation.
Skin: May cause skin irritation and allergic reaction on contact.

RIGHT TO KNOW

TSCA: In Compliance
OSHA Hazard Classification: Listed above
State Right-to-Know Laws:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>PA</th>
<th>NJ</th>
<th>MA</th>
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</thead>
<tbody>
<tr>
<td>C.I. Solvent Green 3</td>
<td>128-80-3</td>
<td>NH</td>
<td>NH</td>
<td>NH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H=Hazardous NH=Non-hazardous</td>
</tr>
</tbody>
</table>

First Aid Procedures:
Inhalation: If large amounts are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen and call a physician.

Skin Contact: Flush skin with plenty of water after excessive contact. Wash thoroughly with hand cream or hand cleaner.

Eye Contact: Flush eyes immediately with plenty of water for at least 15 minutes. Call a physician.

Ingestion: Induce vomiting immediately by giving two glasses of water. Get medical attention. Never give fluids to an unconscious person.

SECTION VI — REACTIVITY DATA

Chemical Stability: Stable
Conditions to Avoid: None
Incompatible Materials: Oxidizing and reducing agents may destroy color
Decomposition Products: CO, CO₂, Oxides of Nitrogen, Sulfur, and other potentially toxic fumes
Hazardous Polymerization
Polymerization Avoid: None expected
SECTION VII — SPILL OR LEAK PROCEDURE

For Spill: Spills should be swept up and placed in containers. Spill areas can be washed with water. Collect wastewater for approved disposal.

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

SECTION VII (A) — REGULATORY INFORMATION

EPA: In compliance with TSCA inventory
USDA: Many products are on file. Please check with our registration department.
Carcinogenicity: NTP, IARC, OSHA: None unless indicated in Section II of this Material Safety Data Sheet

SECTION VIII — SPECIAL PROTECTION

Respiratory Protection: Employees should avoid inhalation of dusts. Whenever potential for dusting exists, appropriate NIOSH/MSHA approved respirator with dust filter should be worn.
Ventilation: Use local ventilation if dusting is a problem
Protective Gloves: Wear suitable gloves
Eye Protection: Wear eye/face protection
Other Protective Equip.: None
Handling & Storage: Keep in cool, dry place

SECTION IX — SPECIAL PRECAUTIONS

Hazard Class: None
DOT Shipping Name: None
Reportable Quantity (RQ): None
UN Number: None
NA Number: None
Packaging Size: N/A

Pylam Products Company Incorporated
1001 Stewart Avenue • Garden City, NY 11530

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