Material Safety Data Sheet

( MSDS )

Date of Issue: 01/01/2002

Date of Revision: 08/01/2011

SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name: Decon Laboratories, Inc.

Trade Name: Fisherbrand®CitriSolv®Hybrid

Solvent and Clearing Agent

Emergency Telephone

U.S.: (800) 424-9300

Canada: (703) 527-3887

Chemical Name or Synonym: N/A

Info Telephone: 610-755-0800

Mfg. Address: 460 Glennie Circle

State, Zip: PA 19406

City: King of Prussia

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Percent</th>
<th>PEL</th>
<th>C</th>
<th>S</th>
<th>TLV</th>
<th>C</th>
<th>S</th>
<th>Units</th>
<th>313?</th>
</tr>
</thead>
<tbody>
<tr>
<td>5980-27-5</td>
<td>d-Limonene</td>
<td>50%</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Proprietary Solvents</td>
<td>Proprietary Mixture. In the event of a medical emergency, compositional information will be provided to a physician or nurse</td>
<td>50%</td>
<td>None</td>
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Additional Information: Uncertified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

Boiling point (°F): 192 – 204 °C (378 – 400 °F)

Specific Gravity: 0.8521 @ 25 °C

Flash point (°F, TCC): 145 °F (63 °C)

% Volatiles: 100%

Vapor Pressure: 1.5 mmHg at 25 °C

pH: N/A

Solubility: Insoluble in water.

Odor: Mild citrus

Appearance: Clear liquid, colorless to light amber.

VOC Content (g/liter @ 25 °C): 852 g/l

SECTION IV - FIRE AND EXPLOSION DATA

Flammable Properties: Flash Point 145 °F (63 °C) TCC. Vapors can explode and liquids can combust when temperatures reach or exceed the flashpoint.

Extinguishing Media: Carbon dioxide, dry chemical, foam.

Fire Fighting Instructions: Use CO₂ foam or dry chemical. Use water as a spray only to lower temperature (this substance floats on water). Treat as an oil fire.

Additional Information: Hazard Ratings

HMIS: Health = 2 Flammability = 2 Reactivity = 1 Personal Protection = C

NFPA: Health = 1 Flammability = 2 Reactivity = 0
**SECTION V - HEALTH HAZARD DATA**

**POTENTIAL HEALTH EFFECTS:**

**Inhalation:** Vapors are not hazardous, but may be irritating in confined spaces.

**Eyes:** Irritating to eyes.

**Skin:** Irritating to skin.

**Ingestion:** Will be irritating to tissues. May be harmful or fatal if swallowed in sufficient quantity.

**CHRONIC HEALTH EFFECTS / SYMPTOMS:** Not considered a carcinogen by NTP, IARC, or OSHA. No known chronic indications.

**First Aid**

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, if irritation develops, get medical attention.

**Skin:** Remove contaminated clothing. Wash affected areas with soap and water. If irritation develops, get Medical attention.

**Ingestion:** Drink lots of water to dilute substance. Get medical attention.

**Inhalation:** Seek fresh air immediately. If breathing is difficult, get medical attention.

**SECTION VI - REACTIVITY DATA**

**Conditions to Avoid:** Excessive temperatures and/or contact with air may cause decomposition or oxidation.

**Materials to avoid:** Avoid contact with strong acids, strong bases, and oxidizing agents.

**Decomposition Products:** Ultimate decomposition products are CO₂ and water.

**SECTION VII - SPILL OR LEAK PROCEDURES**

**Personal Precautions:** See section VIII, Personal Protection

**Containment and cleanup Techniques:** Spills may be absorbed by sand or oil-absorbing materials. Large spills should be collected by pumping into closed containers for recovery or disposal. Spills over water will float and may be collected by oil absorbents or by skimming.

**Waste Disposal Procedures:** CitriSolv Hybrid is Class 3 combustible, non-hazardous Liquid. Dispose of in accordance with federal, state, and local regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**Engineering Controls:** Mechanical ventilation may be necessary at elevated temperatures to control odor.

**Exposure Guidelines:** No OSHA TLV or PEL established. The company recommends 100 ppm based on data for other compounds in the same chemical family.

**Respiratory Protection:** Respirator is not required. Organic vapor cartridge may be used for odor elimination.

**Skin Protection:** Wear chemically resistant rubber gloves and apron (viton, nitrile, and or PVC) to minimize exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Eye Protection:** Wear chemical safety glasses, goggles, or face shield to prevent eye contact.

**SECTION IX – ADDITIONAL INFORMATION**

**Safe Handling and Storage:** wear chemical safety glasses, gloves, goggles, and apron. Store in tightly closed metal or glass containers. Do not store in polyethylene plastic. Original container is PET plastic and acceptable. Avoid heat, sparks, and open flames.

**SECTION X – TRANSPORTATION INFORMATION**

**DOT Information:** Shipping by Ground Only

1 Gallon (cat # 04-355-121) Cleaning compound liquid (non-hazardous)