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|                                                                                                                                                                                                 |                          | <b>Material Safety Data Sheet</b>                                                                                        |            |          |          |                                                                                  |          |             |              |                 |
| Date of Issue: 10/27/1999                                                                                                                                                                       |                          | (MSDS)                                                                                                                   |            |          |          | Reviewed: 07/18/2014                                                             |          |             |              |                 |
| <b>SECTION 1 - MANUFACTURER INFORMATION</b>                                                                                                                                                     |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Manufacturer Name:</b>                                                                                                                                                                       |                          | Decon Laboratories, Inc.                                                                                                 |            |          |          |                                                                                  |          |             |              |                 |
| <b>Trade Name:</b>                                                                                                                                                                              |                          | <b>CitriSolv™</b><br><br>#1601                                                                                           |            |          |          | <b>Emergency Telephone</b><br><br>U.S.: (800) 424-9300<br>Canada: (703) 527-3887 |          |             |              |                 |
| <b>Chemical Name or Synonym:</b>                                                                                                                                                                |                          | N/A                                                                                                                      |            |          |          | <b>Info Telephone:</b> 610-755-0800                                              |          |             |              |                 |
| <b>Mfg. Address:</b>                                                                                                                                                                            |                          | 460 Glennie Circle                                                                                                       |            |          |          |                                                                                  |          |             |              |                 |
| <b>City:</b>                                                                                                                                                                                    |                          | King of Prussia                                                                                                          |            |          |          | <b>State, Zip:</b>                                                               |          | PA 19406    |              |                 |
| <b>SECTION II - HAZARDOUS INGREDIENTS</b>                                                                                                                                                       |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>CAS Number</b>                                                                                                                                                                               | <b>Chemical Name</b>     | <b>Percent</b>                                                                                                           | <b>PEL</b> | <b>C</b> | <b>S</b> | <b>TLV</b>                                                                       | <b>C</b> | <b>S</b>    | <b>Units</b> | <b>313?</b>     |
| 5989-27-5                                                                                                                                                                                       | D-Limonene               | 98.0%                                                                                                                    | None       |          |          |                                                                                  |          |             |              |                 |
| 25013-16-5                                                                                                                                                                                      | Butylated hydroxyanisole | 0.24%                                                                                                                    | None       |          |          |                                                                                  |          |             |              |                 |
|                                                                                                                                                                                                 |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Additional Information:</b>                                                                                                                                                                  |                          | Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200) |            |          |          |                                                                                  |          |             |              |                 |
| <b>SECTION III - PHYSICAL DATA</b>                                                                                                                                                              |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Boiling Point (°F):</b>                                                                                                                                                                      |                          | 349                                                                                                                      |            |          |          | <b>Specific Gravity:</b>                                                         |          | 0.841 @ 25C |              |                 |
| <b>Vapor Pressure (mm of Hg):</b>                                                                                                                                                               |                          | 4.7 @ 25C                                                                                                                |            |          |          | <b>% Volatiles:</b>                                                              |          | N/A         |              |                 |
| <b>Vapor Density (Air=1):</b>                                                                                                                                                                   |                          | 4.69                                                                                                                     |            |          |          | <b>pH:</b>                                                                       |          | N/A         |              |                 |
| <b>Solubility:</b>                                                                                                                                                                              |                          | Insoluble in water.                                                                                                      |            |          |          | <b>Evaporation Rate:</b> 1.0 (butyl acetate=1)                                   |          |             |              |                 |
| <b>Appearance:</b>                                                                                                                                                                              |                          | Clear liquid with citrus-like odor.                                                                                      |            |          |          | <b>Reactivity in Water/Air:</b> None                                             |          |             |              |                 |
| <b>SECTION IV - FIRE AND EXPLOSION DATA</b>                                                                                                                                                     |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Flash Point:</b>                                                                                                                                                                             |                          | 121°F.                                                                                                                   |            |          |          | <b>LEL:</b>                                                                      |          | N/A         |              | <b>UEL:</b> N/A |
| <b>Extinguishing Media:</b>                                                                                                                                                                     |                          | Use water spray, dry chemical, carbon dioxide or chemical foam.                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Special Procedures:</b>                                                                                                                                                                      |                          | No special procedures required.                                                                                          |            |          |          |                                                                                  |          |             |              |                 |
| <b>Unusual Fire / Expl Hazards:</b>                                                                                                                                                             |                          | None.                                                                                                                    |            |          |          |                                                                                  |          |             |              |                 |
| <b>Additional Information:</b><br>Hazard Ratings<br>HMIS: Health = 1    Flammability = 2    Reactivity = 0    Personal Protection = G<br>NFPA: Health = 1    Flammability = 2    Reactivity = 0 |                          |                                                                                                                          |            |          |          |                                                                                  |          |             |              |                 |

| SECTION V - HEALTH HAZARD DATA                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------|------------|
| <b>ACUTE HEALTH EFFECTS / SYMPTOMS:</b> May cause eye irritation. May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure. Aspiration hazard. Ingestion of large amounts may cause gastrointestinal irritation. Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>CHRONIC HEALTH EFFECTS / SYMPTOMS:</b> Prolonged or repeated exposure may cause drying, defatting, or dermatitis of skin.                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Carcinogenicity Data:</b><br><b>D-Limonene:</b><br><b>Butylated hydroxyanisole:</b>                                                                                                                                                                                                                                                                                                                                                                        | NTP:<br><br>Suspect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IARC: Group<br>3 Group 2B                                  | OSHA:<br><br>Possible Select | OTHER: N/A |
| First Aid                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Eyes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.                                                                                                                                                                                                                                                                                                                                                            |                                                            |                              |            |
| <b>Skin:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.                                                                                                                                                                                                                                                                                                                               |                                                            |                              |            |
| <b>Ingestion:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.                                                                                                                                                                                                                                                                                                                               |                                                            |                              |            |
| <b>Inhalation:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | Remove from exposure to fresh air immediately. Get medical aid.                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Notes to Physician:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | Treat symptomatically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                              |            |
| SECTION VI - REACTIVITY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Stability:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | Stable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                              |            |
| <b>Incompatibility (with other Materials):</b>                                                                                                                                                                                                                                                                                                                                                                                                                | Strong oxidizers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |                              |            |
| <b>Conditions to Avoid:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Incompatible materials, ignition sources, excess heat.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                              |            |
| <b>Hazardous Decomposition Products:</b>                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon monoxide, carbon dioxide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |                              |            |
| <b>Polymerization:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | Has not been reported.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                              |            |
| SECTION VII - SPILL OR LEAK PROCEDURES                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Spill Procedures:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      | Absorb spill with inert material (dry sand or earth), then place into a chemical waste container. In case of large spill, dispose of according to local ordinances.                                                                                                                                                                                                                                                                                                                                |                                                            |                              |            |
| <b>Waste Disposal Procedures:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             | Dispose of in accordance with federal, state, and local regulations.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                              |            |
| SECTION VIII - SPECIAL PROTECTION INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Respiratory:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | Follow OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. always use a NIOSH or European Standard EN 149 approved respirator when necessary.                                                                                                                                                                                                                                                                                                                         |                                                            |                              |            |
| <b>Eyes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wear appropriate protective eyeglasses or chemical safety glasses as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.                                                                                                                                                                                                                                                                                                                        |                                                            |                              |            |
| <b>Protective Gloves:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Wear appropriate gloves to prevent skin exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |                              |            |
| <b>Clothing:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              | Wear appropriate protective clothing to minimize contact with skin.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            |                              |            |
| <b>Ventilation:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | Use with adequate ventilation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            |                              |            |
| SECTION IX – ADDITIONAL INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>Safe Handling and Storage:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             | Avoid contact with eyes, skin, and clothing. Empty containers retain product residue (liquid and/or vapor), and can be dangerous. Avoid contact with heat, sparks, and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. |                                                            |                              |            |
| SECTION X – TRANSPORTATION INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |                              |            |
| <b>DOT Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>Product</u><br>1 Gallon (cat # 1601)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>Shipping by Ground Only</u><br>Cleaning Compound liquid |                              |            |

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.