Centrally Managed PPE and COVID-19 Mitigation Supplies
November 2021

PPE and Cleaning Supplies in the Dietrich School Stockroom
The Dietrich School Stockroom (DSS) is working with Purchasing Services to manage specialized personal protective equipment (PPE) and cleaning supplies used primarily for research activities. Many of the items stocked are difficult to source and should only be withdrawn by non-research areas under special circumstances that comply with the Healthcare Advisory Group’s Health and Safety Guidelines. All other departments should refer to the next section.

The graph below summarizes overall supply chain availability/risk of PPE and cleaning supplies. The subsequent table summarizes, at a category level, in stock inventory and items on order in the Dietrich School Stockroom:

<table>
<thead>
<tr>
<th>Item</th>
<th>UOM</th>
<th>On Hand</th>
<th>On Order</th>
<th>Estimated Weeks’ Supply Based on Consumption</th>
<th>Anticipated Delivery Dates</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOUFFANT (1000 or 2000 CASE)</td>
<td>CS</td>
<td>78</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Medline; Fisher</td>
<td></td>
</tr>
<tr>
<td>COVERALLS (25 CS)</td>
<td>CS</td>
<td>43</td>
<td>4</td>
<td>&gt;4 wks</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>GOWNS (100 CS, 400 CS or 10 PK)</td>
<td>CS or PK</td>
<td>515</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher (universal size and XL)</td>
<td></td>
</tr>
<tr>
<td>LAB COATS (30 CS or 10 PK)</td>
<td>CS or PK</td>
<td>588</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Medline; Fisher</td>
<td></td>
</tr>
<tr>
<td>FROCKS (25 or 30 PER CS)</td>
<td>CS</td>
<td>82</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>SHOE COVERS (150 CS)</td>
<td>CS</td>
<td>13</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>FACE SHIELDS (96 or 200 CS)</td>
<td>CS</td>
<td>181</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Medline; Fisher</td>
<td></td>
</tr>
<tr>
<td>FACE MASK ASTM LEVEL 1 (2000 CS)</td>
<td>CS</td>
<td>16</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>FACE MASK LEVEL 3 (500 or 2000 CS)</td>
<td>CS</td>
<td>38</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>VWR; Fisher</td>
<td></td>
</tr>
<tr>
<td>NITRILE GLOVES (100, 1000, 2000, or 3000 PER CS)</td>
<td>CS</td>
<td>1053</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>CHLOROPRENE GLOVES (100 PACK)</td>
<td>PK</td>
<td>38</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>LATEX EXAM GLOVES (50, 100 or 1000 CS)</td>
<td>CS</td>
<td>501</td>
<td>1</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>PREEMPT DISINFECTANT WIPES (1920 CS)</td>
<td>CS</td>
<td>79</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>PREEMPT RTU 32OZ (12 CS)</td>
<td>CS</td>
<td>3</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>PREEMPT RTU 5GAL</td>
<td>EA</td>
<td>10</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>WIPERS KIMTECH (500 CS)</td>
<td>CS</td>
<td>61</td>
<td>1</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>WIPERS KIMWIPE 15INX17IN EX (15 CS)</td>
<td>CS</td>
<td>65</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>CAVICIDE LIQ DISINFECTANT 1GAL</td>
<td>EA</td>
<td>140</td>
<td>4</td>
<td>&gt;4 wks</td>
<td>Fisher</td>
<td></td>
</tr>
<tr>
<td>VIREX TB DISINFECTANT 32OZ (12 CS)</td>
<td>CS</td>
<td>15</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32OZ SPRAY BOTTLES</td>
<td>EA</td>
<td>269</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32OZ SPRAY TRIGGERS</td>
<td>EA</td>
<td>283</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUMP HAND 5GALLON</td>
<td>EA</td>
<td>2</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CELL CULTURE PLATES (75 or 160 CS)</td>
<td>CS</td>
<td>307</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TISSUE CULTURE FLASKS (100 OR 200 PER CS)</td>
<td>CS</td>
<td>36</td>
<td>2</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEROLOGICAL PIPETTES (100 or 200 CS)</td>
<td>CS</td>
<td>970</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CELL CULTURE DISHES (150 CS)</td>
<td>CS</td>
<td>350</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIPETTE TIPS (5PK per CS)</td>
<td>CS</td>
<td>1075</td>
<td>210</td>
<td>&gt;4 wks</td>
<td>Canceling remaining order quantities</td>
<td></td>
</tr>
<tr>
<td>TUBES (300 or 500 CS)</td>
<td>CS</td>
<td>344</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
COVID-19 Mitigation Supplies for Use Other than Research/Clinical, Common Areas or Classrooms
The table below summarizes the general supply chain availability/risk of COVID-19 mitigation supplies such as hand sanitizer and disinfecting wipes for use in personal workspace and other areas not cleaned by custodial staff. The subsequent table summarizes, at a category level, in-stock inventory, and items on order available through the SUPRA PantherExpress System punch-out:

<table>
<thead>
<tr>
<th>Item</th>
<th>UOM</th>
<th>On Hand</th>
<th>On Order</th>
<th>Estimated weeks’ Supply Based on Consumption</th>
<th>Anticipated Delivery Dates</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAND SANITIZER (8 OZ BOTTLE)</td>
<td>EA</td>
<td>0</td>
<td>0</td>
<td>NA</td>
<td>NA</td>
<td>“Pitt” sanitizer sold out as of 10/11/21; Will not be replenished. Ample supply of Purell and other brands with several University-wide Contracted Suppliers.</td>
</tr>
<tr>
<td>DISINFECTING WIPES (75 WIPES PER CANISTER)</td>
<td>EA</td>
<td>22,051</td>
<td>0</td>
<td>&gt;6 wks</td>
<td>NA</td>
<td>Will not be replenished</td>
</tr>
</tbody>
</table>

- Low Risk: Stable supply, commonly available
- Medium Risk: Limited supply, smaller quantities available
- High Risk: Extremely constrained or no availability

- Responsibility for Providing COVID-19 Mitigation Supplies and Cleaning –
  - Facilities Management provides hand sanitizer for approximately 600 wall-mounted units in University buildings and is cleaning restrooms, classrooms, and high-touch areas such as doorknobs, light switches, and push bars in buildings that it manages. Facilities is also providing disinfectant wipes inside each classroom for students to clean desks between classes.
  - Leased space is managed by landlords and maintained by contracted cleaning companies with necessary oversight by University tenants.
  - Individual Departments/Areas must purchase any desired COVID-19 mitigation and cleaning supplies for personal office spaces (including desks and computers), reception desk and area, and kitchenettes.

- Majority of ordering is for plasticware.
- Purchasing Services and DSS management are closely monitoring stock levels and replenishment orders. Aside from plasticware, we do not anticipate any future replenishment orders.

Relevant PPE and General Supply Chain Articles

- People Are Hoarding: Food Shortages Are the Next Supply-Chain Crunch
- Empty Plastic Bottles Go from Trash to Hot Commodity
- US Supply Chain Issues are Making Warehouse Shortages Worse
Scientific Supplies Marketplace Shortages and Issues:

- **Scientific Supplies:**
  - **Dietrich School Stockroom:**
    - **General** – Still in a similar position as in previous weeks. DSS has excess inventory and should continue to promote on campus to customers that stock is available.
      - EH&S has submitted requests for some of the PPE. EH&S has submitted a spreadsheet of items they are interested in securing for the Pandemic Stockroom but still need confirmation on current pricing.
    - **Disinfectants** –
      - **Cavicide.** Working to determine if any lots will be expiring any time soon. While chemically there would be no reason that they would expire we would want to keep in mind the “Best By” date for optimal usage.
      - **Peroxigard.** Multiple discussions in play to get 4x1 gallon containers and 5-gallon pails transferred into 55-gallon large drums.
    - **Gloves** – DSS is still selling gloves. Nitrile is moving as well as latex. Everything else has been relatively quiet.
    - **Plasticware** -
      - Plasticware was slow to move in October with only sold 17 cases sold. For November DSS has already sold 170 cases. Not sure what the reason for the slow move was last month but sales have rebounded this month with movement across the board. There may be a correlation of the movement of inventory this month with the email communication sent out last month to the University encouraging departments to continue to place orders through the DSS for plasticware.
      - Possibility of contacting Wesco to see if it is willing to buy back some of the plastic spray bottles and the triggers.
      - Appear to be sufficiently stocked on everything with only a few items that require continued evaluation.
      - Having discussions about potentially cancelling the remainder of the pipette tips. Will review purchase orders to help decide.
      - Have consistently sold through the 25ml flasks with one case remaining.
      - Continuing discussion regarding centrally ordering and stocking. Inventory is still somewhat constrained in the marketplace with the possibility of shortages into 2022.

- **Supplier Specific:**
  - **Medline** – Reports all PPE, including nitrile gloves, has been removed from allocation. Medline is communicating directly with customers. Sterilization pouches are on backorder until early 2022. Manufacturer in Taiwan has experienced a resurgence in COVID-19 cases and cannot produce any other pouches until the end of calendar year 2021/beginning of 2022.
  - **VWR** - Currently has access to nitrile gloves for customers.
  - **Rainin** - Significant backorder for LTS pipette tips. 200 ul filter tips on allocation with significant lead time as demand exceeds capacity to manufacture by three-fold. Limited quantities of 20 ul filter tips available with long lead times. Supplier encourages setting up scheduled deliveries for these products.
  - **Agilent** - Experiencing shortages in Tapestation products. Agilent recommends setting up scheduled deliveries for the products below to ensure delivery. Expect increased lead-times:
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- High Sensitivity DS000 ScreenTape, 5067-5592
- High Sensitivity RNA ScreenTape, 5067-5579
- RNA ScreenTape, 5067-5576
  - With ladder and/or buffer