Purchasing Services

PPE and Cleaning Supplies in the Dietrich School Stockroom

The Dietrich School Stockroom (DSS) has agreed to work with Purchasing Services to manage specialized personal protective equipment (PPE) and cleaning supplies used primarily for higher-risk 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 Many of the items stocked are difficult to source and should only be withdrawn by non-research areas under special circumstances that comply with the Healthcare Advisory Group’s Health and Safety Guidelines.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><strong>PPE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BOUFFANT (1000 or 2000 CASE)</td>
<td>CS</td>
<td>79</td>
<td>0</td>
<td>&gt;4 wks</td>
<td>TBD</td>
<td>Medline; Fisher</td>
</tr>
<tr>
<td>COVERALLS (25 CS)</td>
<td>CS</td>
<td>39</td>
<td>4</td>
<td>&gt;4 wks</td>
<td>TBD</td>
<td>Fisher Scientific, Medline, Grainger</td>
</tr>
<tr>
<td>GOWNS (100 CS, 400 CS or 10 PK)</td>
<td>CS or PK</td>
<td>715</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>EMSCO; Medline; Fisher (universal size)</td>
</tr>
<tr>
<td>LAB COATS (30 CS or 10 PK)</td>
<td>CS or PK</td>
<td>600</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Medline; Fisher</td>
</tr>
<tr>
<td>FROCKS (25 or 30 PER CS)</td>
<td>CS</td>
<td>82</td>
<td>9</td>
<td>&gt;4 wks</td>
<td>TBD</td>
<td>Fisher</td>
</tr>
<tr>
<td>SHOE COVERS (150 CS)</td>
<td>CS</td>
<td>14</td>
<td>0</td>
<td>&lt;4 wks</td>
<td>TBD</td>
<td>Fisher</td>
</tr>
<tr>
<td>FACE SHIELDS (96 or 200 CS)</td>
<td>CS</td>
<td>184</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Medline; Fisher 200</td>
</tr>
<tr>
<td>FACE MASK 3PLY (500 CS)</td>
<td>CS</td>
<td>32</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Fisher</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></td>
<td>VWR; Fisher</td>
</tr>
<tr>
<td>FACE MASK LEVEL 3 (2000 CS)</td>
<td>CS</td>
<td>55</td>
<td>14</td>
<td>&gt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td>NITRILE GLOVES (100, 1000, 2000, or 3000 PER CS)</td>
<td>CS</td>
<td>1590</td>
<td>2648</td>
<td>&lt;4 wks</td>
<td>DELAYED</td>
<td>Fisher Scientific- have not left manufacturer</td>
</tr>
<tr>
<td>CHLOROPRENE GLOVES (100 PACK)</td>
<td>PK</td>
<td>39</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td>LATEX EXAM GLOVES (50, 100 or 1000 CS)</td>
<td>CS</td>
<td>538</td>
<td>1</td>
<td>&lt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td><strong>CLEANERS AND ASSOCIATED ITEMS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEROXIGARD 6”X7” DISINFECTANT WIPES (160 CARTON)</td>
<td>CT</td>
<td>72</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Cincinnati Lab Supply</td>
</tr>
<tr>
<td>PREEMPT DISINFECTANT WIPES (1920 CS)</td>
<td>CS</td>
<td>83</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td>PEROXIGARD READY TO USE (RTU) 32OZ DISINFECTANT (32 CS)</td>
<td>CS</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td>Cincinnati Lab Supply</td>
</tr>
<tr>
<td>PREEMPT RTU 32OZ (12 CS)</td>
<td>CS</td>
<td>4</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td>PEROXIGARD RTU GALLON DISINFECTANT</td>
<td>CS</td>
<td>31</td>
<td>0</td>
<td>&gt;4 wks</td>
<td></td>
<td>Cincinnati Lab Supply</td>
</tr>
<tr>
<td>PEROXIGARD CONCENTRATE GALLON DISINFECTANT</td>
<td>CS</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td>Cincinnati Lab Supply</td>
</tr>
<tr>
<td>PREEMPT CONCENTRATE GALLON, DISINFECTANT (4 CS)</td>
<td>CS</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td>Fisher – No ETA on allocation; purchase other pack sizes if needed</td>
</tr>
<tr>
<td>PEROXIGARD RTU SGAL</td>
<td>EA</td>
<td>27</td>
<td>0</td>
<td>&lt;4 wks</td>
<td></td>
<td>Cincinnati Lab Supply</td>
</tr>
<tr>
<td>PREEMPT RTU SGAL</td>
<td>EA</td>
<td>10</td>
<td>0</td>
<td>&lt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
<tr>
<td>WIPERS KIMTECH (500 CS)</td>
<td>CS</td>
<td>73</td>
<td>1</td>
<td>&lt;4 wks</td>
<td></td>
<td>Fisher – on allocation from Kimberly Clark</td>
</tr>
<tr>
<td>WIPERS KIMWIPE 15INX17IN EX-L (15 CS)</td>
<td>CS</td>
<td>68</td>
<td>0</td>
<td>&lt;4 wks</td>
<td></td>
<td>Fisher</td>
</tr>
</tbody>
</table>

Low Risk
Stable Supply, commonly available

Medium Risk
Limited supply, smaller quantities available

High Risk
Extremely Constrained or no availability
Centrally Managed PPE and COVID-19 Mitigation Supplies
Week ending February 19, 2021

Purchasing Services

CAVICIDE LIQ DISINFECTANT 1GAL
EA 68 76 >4 wks TBD Order pending with Grainger; no firm ETA
VIREX TB DISINFECTANT 32OZ (12 CS)
CS 15 0 >4 wks
PAPER TOWELS MULTIFOLD BROWN (16 CS)
CS 483 0 >6 wks
32OZ SPRAY BOTTLES
EA 317 0 >6 wks
32OZ SPRAY TRIGGERS
EA 306 0 >6 wks
PUMP HAND 5GALLON
EA 6 0 >4 wks

Laboratory Plastic Consumables
With the increased difficulty in sourcing plastics, the DSS has begun stocking certain plastic laboratory consumables. This effort is intended to support the continuation of research.

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>CELL CULTURE PLATES (75 or 160 CS)</td>
<td>CS</td>
<td>256</td>
<td>72</td>
<td>&gt;4 wks</td>
<td>Wk of 3/8 Will ship early March</td>
<td></td>
</tr>
<tr>
<td>TISSUE CULTURE FLASKS (100 OR 200 PER CS)</td>
<td>CS</td>
<td>65</td>
<td>0</td>
<td>&lt;4 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEROLOGICAL PIPETTES (200 CS)</td>
<td>CS</td>
<td>1328</td>
<td>235</td>
<td>&lt;4 wks</td>
<td>Wk of 3/29 5mL and 10mL pipettes have shipped</td>
<td></td>
</tr>
<tr>
<td>CELL CULTURE DISHES (150 CS)</td>
<td>CS</td>
<td>39</td>
<td>346</td>
<td>&lt;4 wks</td>
<td>Wk of 3/29</td>
<td></td>
</tr>
<tr>
<td>PIPETTE TIPS (5PK per CS)</td>
<td>CS</td>
<td>206</td>
<td>1231</td>
<td>&lt;4 wks</td>
<td>TBD 20 uL tips have shipped</td>
<td></td>
</tr>
<tr>
<td>TUBES (300 or 500 CS)</td>
<td>CS</td>
<td>376</td>
<td>201</td>
<td>&gt;4 wks</td>
<td>TBD 15 ML received; 50 ML pending shipment</td>
<td></td>
</tr>
</tbody>
</table>

COVID-19 Mitigation Supplies for Use Other than Research/Clinical, Common Areas or Classrooms
The graph 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:

1 2 3 4 5 6 7 8 9 10

- **Low Risk**
  Stable Supply, commonly available
- **Medium Risk**
  Limited supply, smaller quantities available
- **High Risk**
  Extremely Constrained or no availability

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</tr>
</thead>
<tbody>
<tr>
<td>HAND SANITIZER (8 OZ BOTTLE)</td>
<td>EA</td>
<td>15,300</td>
<td>0</td>
<td>&gt;6 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISINFECTING WIPES (75 WIPES PER CANISTER)</td>
<td>EA</td>
<td>38,900</td>
<td>0</td>
<td>&gt;6 wks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NITRILE GLOVES (100 PER BOX)</td>
<td>BX</td>
<td>0</td>
<td>4,000</td>
<td>0</td>
<td>TBD Continuously delayed</td>
<td></td>
</tr>
<tr>
<td>CLEAR PANEL FACE COVERINGS (5 PER BX)</td>
<td>EA</td>
<td>1,900</td>
<td>0</td>
<td>&lt;6 wks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Centrally Managed PPE and COVID-19 Mitigation Supplies
Week ending February 19, 2021

- 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.

- We continue to remind the University community that PPE and disinfectant supplies for uses unrelated to research and outside of labs should not be withdrawn from the DSS.
- Ordering from the Dietrich School Stockroom since October 1, 2020 has slowed significantly although January and February have shown some signs of ordering increasing. Purchasing Services and Dietrich School Stockroom management are closely monitoring stock levels and replenishment orders.

**Relevant PPE Articles**

- Supply Chain Dive: [Clorox plans to double wipe production by year’s end as it struggles to fill retail inventories](https://www.supplychaindive.com/articles/clorox-plans-to-double-wipe-production-by-years-end-as-it-struggles-to-fill-retail-inventories/)

Purchasing Services
Scientific Supplies Marketplace Shortages and Issues:

- **Scientific Supplies:**
  - **Nitrile Gloves:**
    - Fisher – Significant backorders and extended lead times. Supply chain is constrained. Glove delivery delayed due to shut down at manufacturing plant in Malaysia.
  - **Plasticware:**
    - Manufacturing of laboratory consumables constrained. Pipette tips, conical tubes, cell culture plates, etc. in high demand with increasing lead times. Limited supply is available through the DSS.
  - **Sharps Containers:**
    - Major fire at manufacturing plant reduced US supply to 20%. Supply chain expected to remain constrained for the foreseeable future. Product on allocation across University’s contracted suppliers.

- **Supplier Specific:**
  - **Supra/Office Depot** – Remains well-stocked on hand sanitizer options, three-ply face masks, and hand soap. Other PPE, sanitizing and disinfecting items available in the Supra punchout as they are received by Office Depot. Purchase of 4,000 boxes of nitrile gloves continuously delayed with no ETA. PO for 30,000 boxes of nitrile gloves awarded and delivery expected late-March. Supply of N-95 and KN-95 masks available.
  - **Fisher Scientific** – University remains on priority allocation. Supply chain for the manufacturing of all plastic consumables constrained. Pipette tips, conical tubes, plastic flasks, cell culture plates, etc. in extremely high demand with increasing lead times. Filtered tips especially difficult to source. Nitrile glove shipments have not yet left manufacturer in Malaysia due to pandemic shut down period. Gloves expected to arrive in March 2021. Delays at California ports causing lead times to grow. Customers in need of cold storage units should consider purchasing early; lead times are currently 12 weeks and growing. University placed several bulk orders of plastic lab consumables including pipette tips; delivery throughout Q1 2021. DSS received partial quantities of 10uL, 20uL and 1000uL tips. Working to source additional sterile, filtered, racked tips. Serological pipettes (5mL and 10mL) and conical 16Ml conical tubes have been received. T/C Flasks, Dishes and plates are in stock at DSS, with more arriving in the coming weeks. Sharps containers on allocation for foreseeable future due to fire at manufacturing plant.
  - **VWR** – For COVID-19 testing, offering multiple products for qPCR/RT PCR reagents, swabs, viral transport media, plates, kits, etc. Offering BD Veritor rapid antigen testing system, other universities have purchased these units. ULT freezer lead-times are 12 weeks and growing. Contact VWR to discuss options to purchase new or “B” grade freezers. Filtered pipette items experiencing significant supply challenges and extended lead times. Corning products in limited supply; working with supplier to resolve. Price increases for various gloves effective as of February 1, 2021. Able to source medical grade Level 1 and Level 3 disposable masks.
  - **TR Last** – Experiencing shipping delays due to weather across the region.