







# SUITABLE DISINFECTING PRODUCT TYPES

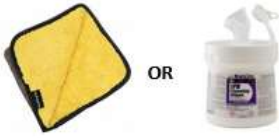
A. Below is a matrix of commercial and consumer product types that are suitable for cleaning (first row – detergent solution) and disinfecting (subsequent rows) vehicle interior/exterior surfaces.

## IMPORTANT:

Follow carefully the manufacturer’s product label instructions for cleaning and disinfecting, as these vary by product.

Cleaning and Disinfecting Solution Matrix						
Least Restrictive Cleaning and Disinfecting Solutions - SUITABLE FOR ALL INTERIOR AND EXTERIOR SURFACES						
Type of Solution	Active Ingredient	Preparation Instructions	Product Examples	Vehicle Applicable Areas	Application Instructions	Image Example
Neutral Detergent & Water Solution	Surface-active agent with concentration of 16% or more of Linear Alkylbenzene Sulphorated (LAS) or Alkyl Ether Sulfate Sodium	5-10CC Neutral detergent per 1Liter of water (1fl oz Neutral detergent per 1 Gallon of water)	Dawn Palmolive AJAX	All interior and exterior surfaces	1. Soak a clean microfiber cloth in detergent/water solution 2. Wipe high touch areas inside/outside the vehicle vigorously while being careful not to damage fragile components 3. Allow the detergent/water solution to sit on the surface for 20-30 seconds before proceeding to the next step 4. Use a fresh microfiber cloth damp with water and wipe any previously treated area to remove detergent/water solution	
Quaternary Ammonium	Quaternary Ammonium	Dilutable or Ready to use – Refer to Package preparation instructions	ZEP Lysol (Spray Bottle)	All interior and exterior surfaces	1. Apply the ammonia disinfecting solution to a microfiber cloth 2. Wipe high touch areas inside/outside the vehicle 3. Wipe off excess disinfecting solution if necessary with a new cloth	
Silver ion; Citric acid	Silver ion; Citric acid	Dilutable or Ready to use – Refer to Package preparation instructions	Aven(R) 30 Sdc3a	All interior and exterior surfaces	1. Apply the Silver ion/Citric Acid disinfecting solution to a microfiber cloth 2. Wipe high touch areas inside/outside the vehicle 3. Wipe off excess disinfecting solution if necessary with a new cloth	
More Restrictive Disinfecting Solutions - NOT FOR ALL SURFACES						
Isopropyl Alcohol (IPA) & Water Solution*	Isopropyl Alcohol (IPA)	<b>70% IPA/Water Mixture</b>	<b>70% Isopropyl Alcohol (IPA)</b>	All interior surfaces <b>EXCEPT:</b> -Painted IP surfaces -Painted IP/door trim panels -Painted center consoles panels -Touch Screens	1. Apply the IPA disinfecting solution to a microfiber cloth (or use ready wipe) in the IPA/water solution 2. Wipe high touch areas inside the vehicle (do not use on painted surfaces) 3. Do not wipe more than twice on the same area or leave copious amount of solution on vehicle surface for extended time (>1Min)	
Quaternary ammonium & Ethanol Mixture*	Quaternary ammonium; Ethanol	Dilutable or Ready to use – Refer to Package preparation instructions	ASEPTICARE™ TB II OPTI-CIDE3	All interior surfaces <b>EXCEPT:</b> -Painted IP surfaces -Painted IP/door trim panels -Painted center consoles panels -Touch Screens	1. Apply the quaternary ammonium & ethanol disinfecting solution to a microfiber cloth (or use ready wipe) in the IPA/water solution 2. Wipe high touch areas inside the vehicle (do not use on painted surfaces) 3. Do not wipe more than twice on the same area or leave copious amount of solution on vehicle surface for extended time (>1Min)	
L-Lactic Acid**	L-Lactic Acid	Dilutable or Ready to use – Refer to Package preparation instructions	Fangio Gurney	All interior & exterior surfaces <b>EXCEPT:</b> -Synthetic leather material such as: Thermoplastic Polyurethane (TPU) Polyvinyl chloride (PVC) synthetic leather seat covers	1. Apply the L-Lactic Acid disinfecting solution to a microfiber cloth 2. Wipe high touch areas inside/outside the vehicle (do not use on synthetic leather seat cover material) 3. Wipe off excess disinfecting solution if necessary with a new cloth	

\* Isopropyl Alcohol (IPA) and Ethanol are not recommended for painted surfaces – Reduce exposure to painted surfaces as damage may occur. IPA/water solution MUST contain 70% IPA by volume  
\*\* L-Lactic Acid is not recommended for Thermoplastic Polyurethane (TPU) or Polyvinyl chloride (PVC) synthetic leather seat covers

Helpful Recommendations for Disinfecting Vehicle Surfaces Using a Microfiber Cloth or Ready Wipe	
Ancillary Cleaning Material	Best Practice Guidelines
 <p>Microfiber Cloth or Ready Wipe</p>	<ol style="list-style-type: none"> <li>To reduce risk of cross-contamination, do not use the same microfiber cloth/wipe on the entire vehicle; instead:</li> <li>It is recommended to use one microfiber cloth/wipe per vehicle occupant side (e.g., Driver side-front=1 Cloth)</li> <li>If wiping excess disinfecting solution is required, use a clean microfiber cloth (do not rinse and reuse)</li> <li>Dirty microfiber cloths must be washed with appropriate disinfecting laundry cleaner and dry before reusing</li> </ol>

## **\*\*DO NOT USE THE FOLLOWING CHEMICALS\*\***

Disinfecting product that contain Hydrogen Peroxide, Sodium Chlorite, Sodium Hypochlorite (chlorine bleach), Glycol Acid, Octanoic Acid, Hypochlorous Acid