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Less Info



Title: Cleaning and Disinfecting Trucks and Buses

Applies To: All series of International Trucks and IC Busses

### **CHANGE LOG**

Please refer to the change log text box below for recent changes to this article:

03/26/2020 - Removed "Cleaners From Service Parts" section.

03/24/2020 - Initial Article Release.

# **DESCRIPTION**

This document will guide the user through what types of cleaners and disinfectants can be used when cleaning their International Truck or IC Bus.

The following links can be copied and pasted into your browser address line for more details.

Also see iKNow Article: IK2200091 - Cleaning an IC Bus

Reference: United States CDC Information Concerning Covid-19 (Coronavirus): <a href="https://www.cdc.gov/coronavirus/2019-ncov/prepare/cleaning-disinfection.html">https://www.cdc.gov/coronavirus/2019-ncov/prepare/cleaning-disinfection.html</a>

Reference: United States EPA Information concerning Covid-19 (Coronavirus):

https://www.epa.gov/sites/production/files/2020-03/documents/sars-cov-2-list 03-03-2020.pdf

# SYMPTOM(s)

Navistar recommends frequent cleaning and disinfection of trucks and buses to protect against Coronavirus SARS-CoV-2 / COVID-19, as well as other infectious diseases. Extra care should be given to frequently touched surfaces, such as steering wheels, seat buckles, door handles, handrails, seats, seat backs etc.

# WARNINGS AND CAUTIONS WHEN USING CHEMICALS



TO PROTECT THE VEHICLE, YOU SHOULD NOT USE PRODUCTS THAT CONTAIN THE FOLLOWING CHEMICAL TO CLEAN OR DISINFECT THE INTERIOR SURFACES OF YOUR VEHICLE

- Solvents Disinfectant products which contain solvent based chemicals can adversely affect seat belt components which may cause premature failure, resulting in personal injury or death.
- Acetone
- Kerosene
- Diesel Fuel
- Acid

### CAUTION:

#### PERSONAL SAFETY

ALWAYS WEAR PROTECTIVE GEAR LIKE GLOVES AND SAFETY GLASSES, GOGGLES, OR A FACE SHIELD WHEN USING AND SPAYING CHEMICALS, CLEANERS, AND DISINFECTANCTS. ALWAYS MAINTAIN A WELL VENTILATED AREA. KEEP WINDOWS DOWN AND/OR DOORS OPEN TO MAINTAIN FRESH AIR SUPPLY.

#### CAUTION:

ISOPROPYL ALCOHOL (IPA) IS NOT RECOMMENDED FOR GENERAL USE AND CAN ONLY BE USED ON LIMITED SURFACES SUCH AS BARE METAL SURFACES ONLY.

#### CAUTION:

#### **GAUGE CLUSTER LENS**

TO PREVENT DAMAGE TO PROPERTY / COMPONENT, DO NOT USE CLEANING PRODUCTS AND / OR WINDOW CLEANERS CONTAINING ISOPROPYL ALCOHOL TO CLEAN THE LENS OF THE ELECTRONIC GAUGE CLUSTER. ONLY USE CLEANING PRODUCTS AND / OR WINDOW CLEANERS THAT ARE DETERGENT-BASED OR MMONIA FREE. CLEANING PRODUCTS AND / OR WINDOW CLEANERS THAT ARE ALCOHOL BASED MAY CAUSE LENS DAMAGE AND CRACKING.

# **CLEANING AND DISINFECTING GUIDELINES**

NOTE: Navistar recommends frequent cleaning and disinfection of trucks and buses to protect against Coronavirus SARS-CoV-2 / COVID-19, as well as other infectious diseases. Extra care should be given to frequently touched surfaces, such as steering wheels, seat buckles, door handles, handrails, seats, seat backs etc.

According to CDC guidance, soap is effective in cleaning the virus that causes COVID-19.\* It does not need to be antibacterial. Soap interacts with viruses in a similar way it does with oils: it breaks them down. The virus has an oil-based enzyme that serves as its outer protective barrier that can be obliterated by common, everyday soap and warm water. Soap and water are not ideal for all parts of the vehicle so please see the list below on recommended products. When cleaning, wear disposable gloves, and pay special attention to door handles, the steering wheel, the shifter, seat belt buckles and other surfaces that drivers or occupants touch the most. Care should be taken when using cleaning products to avoid splatter or spray.

<u>Caution</u>: Do not mix cleaning products, such as bleach and vinegar or bleach and ammonia, as mixtures of cleaning products may create hazardous reactions.

<u>Caution</u>: When using cleaners and disinfectants on flexible material surfaces, test cleaner on an inconspicuous area to confirm no staining or discoloration will occur.

<u>Caution</u>: Frequent and excessive use of chemical cleaners may lead to degradation of materials over time. Cleaners should be used as directed.

<u>Caution</u>: Do not use cleaning wipes and liquid products, including ammonia mixtures, for cleaning polycarbonate windows (not common) and the clear panel covering the dash, as they may degrade the surfaces.

Table 1 lists the products that have been registered by CDC and EPA to disinfect the Coronavirus SARS-CoV-2, the cause of COVID-19, and are appropriate for use in cleaning vehicle interiors and should not damage the surfaces if used appropriately.

Product	Note
Soap and water	Soap and water in copious amounts is not recommended for use on top of o
	around sensitive components, including switches or electronics; - use on
	floors, seats, widows, handrails, etc.
Lysol Disinfecting Wipes	Active Ingredients:
	Alkyl Dimethyl Benzyl Ammonium Chloride
	Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride
	*Recommended general disinfectant wipe product for most surfaces
Clorox Disinfecting Wipes	Active Ingredients:
	Alkyl Dimethyl Benzyl Ammonium Chloride
	Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride
	Low concentration Isopropyl Alcohol (IPA)
	Note: may not be acceptable for all surfaces due to IPA content
Clorox Total 360	Active Ingredients:
disinfectant solution	Alkyl Dimethyl Benzyl Ammonium Chloride
	Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride
	This product is available commercially in a spray application form
Clorox Disinfecting	Active Ingredients:
Bathroom Spray	Alkyl Dimethyl Benzyl Ammonium Chloride
	Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride
CDC Recommended	Sodium Hypochlorite
Water diluted Bleach	Prepare a bleach solution by mixing:
solution	<ul> <li>5 tablespoons (1/3<sup>rd</sup> cup) bleach per gallon of water or</li> </ul>
	4 teaspoons bleach per quart of water
	Bleach and water solution in copious amounts is not recommended for use
	on top of or around leather, sensitive components, including switches or
	electronics; - ok for use on floors, seat upholstery, widows, handrails, wheel
	chair lifts, etc.

#### TABLE #1: CDC Registered Cleaners and Disinfectants

Note: Refer to the EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19 - <a href="https://www.epa.gov/sites/production/files/2020-03/documents/sars-cov-2-list\_03-03-2020.pdf">https://www.epa.gov/sites/production/files/2020-03/documents/sars-cov-2-list\_03-03-2020.pdf</a>

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