

Quick Links

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Some of these links lead to web-based resources that are not product-specific.

Introduction

Hepatitis A is a communicable disease of the liver caused by the hepatitis A virus. The virus is highly contagious and is typically transmitted through person-to-person contact by the fecal-oral route or through consumption of contaminated food or beverages. Contamination can occur when infected persons do not properly wash their hands after going to the bathroom and then touch other objects or food items. Symptoms include fatigue, low appetite, stomach pain, nausea, and jaundice that usually resolve within 2 months of infection.

Environmental Cleaning Recommendations

Environmental cleaning and disinfection is an important role of surface decontamination. Depending on the environmental conditions, the hepatitis A virus can survive outside the human body for months.

High touch surfaces should be frequently cleaned and disinfected. Examples of high touch surfaces include the following:

- Bed railings
- Toilets and Commodes
- Tables and Chairs
- Wheelchairs and Walkers
- Remote Controls
- Light Switch Plates
- Faucets
- Kitchen Surfaces
- Doorknobs
- Recreation Equipment
- Sinks
- Phones
- Keyboards
- High Chairs
- Linens and Bedding
- Ice Machines

Disinfection

The Centers for Disease Control and Prevention (CDC) recommends that in the environment, the hepatitis A virus can be killed by using a freshly prepared solution of 1:100 dilution bleach to water.

Other Disinfectants

To determine if an Environmental Protection Agency (EPA) approved disinfectant is effective against hepatitis A, review the product label or specification sheet and ensure it states effective against hepatitis A. Always follow the manufacturers' instructions for use.

In some cases, disinfectants with efficacy against hepatitis A virus surrogates (ex. feline calicivirus, norovirus, etc.) can be used per local state regulations; refer to your local state regulatory agency (ex. Department of Health and Human Services) for specific local guidance.

Environmental Control Measures

Since the hepatitis A virus is transmitted via the fecal-oral route, good hand hygiene is critical to hepatitis A prevention.

Some general measures include:

- **Hand Hygiene:** Wash hands with soap and water after using the bathroom, vomiting, changing diapers, before preparing or eating food, or contact with contaminated objects or surfaces. Promote hand hygiene in areas affected by outbreaks.
- **Personal Protective Equipment (PPE):** Wear gloves when cleaning up feces or vomitus. Wear a gown if contamination of clothing is possible. Use techniques that minimize aerosolization of potentially contaminated material. Use a mask and eye protection.
- **Minimize Cross-Contamination:** Handle soiled linens and cloths as little as possible and with minimum agitation. Launder with detergent at the appropriate cycle.
- **Surface Cleaning and Disinfection:** Increase the frequency of cleaning and disinfection of areas impacted, including frequently touched surfaces. Use EPA registered products with label claims and follow the manufacturer's recommendations for application and contact times.

Environmental Cleaning and Disinfection for Hepatitis A

3M Disinfectants with Hepatitis A Claims

All 3M disinfectant cleaners are EPA Registered and intended for hospital-use on hard non-porous surfaces. A complete list of those products with hepatitis A (or surrogate) claims can be found in the table. Technical Data Sheets for 3M disinfectant products, which list their specific claims and other EPA label information, are available using the contact information below.

3M Disinfectants with Hepatitis A (or Surrogate) Kill Claims

Scotch-Brite™ Surface Preparation Pad Plus	Kill Claim
3M™ C. diff Solution Tablets	Hepatitis A Norovirus Feline Calicivirus
3M™ TB Quat Disinfectant Ready to - Use Cleaner	Hepatitis A Feline Calicivirus
3M™ Quat Disinfectant Cleaner Concentrate 5A / 5H / 5L	Norwalk/Norovirus Feline Calicivirus
3M™ HB Quat Disinfectant Cleaner Concentrate 25A /25H/ 25L	Norovirus Feline Calicivirus
3M™ Disinfectant Cleaner RCT Concentrate	Norovirus bulk gallon size, 1:128 dilution only

References

<https://www.cdc.gov/hepatitis/hav/index.htm>

http://www.michigan.gov/documents/mdhhs/HAV_Disinfection_Tip_Sheet_606276_7.pdf

https://www.sccgov.org/sites/cpd/programs/fsp/Documents/Hepatitis%20A/FP_Hep_A.pdf

http://www.sandiegocounty.gov/content/dam/sdc/deh/fhd/food/pdf/publications_hepatitisA.pdf

<http://www.emd.saccounty.net/Documents/HEP%20A%20DISINFECTION%20GUIDELINES%2010%2020%2017.pdf>

https://www.buttecounty.net/Portals/21/Env_Health/Food/HepAFoodFacility.pdf

Environmental Protection Agency's registered product database at: <https://iaspub.epa.gov/apex/pesticides/f?p=PPLS:1>

Precautionary Summary

Do not use on soft metal and plastic surfaces, painted surfaces, or other surfaces that are easily scratched.

Health and Safety

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to 3M.com/SDS, or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501. When using any equipment, always follow the manufacturers' instructions for safe operation.

Technical Information

Technical information and data, recommendations, and other statements provided by 3M are based on information, tests, or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed. Such technical information and data are intended for persons with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. The typical values shown should not be used for the purpose of specification limits. If you have questions about this Product, contact the **Customer Service Department at 1-800-852-9722**.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Environmental Cleaning and Disinfection for Hepatitis A

Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

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