

Press release material

Announcement

May 22, 2019 (Fri)

date:

title:

We will announce the effective surfactants for the new coronavirus.
 ～The choice of disinfection methods for items is expanding～

Presenter
 name:

Incorporated Administrative Agency Product Evaluation Technology Infrastructure
 Organization Disinfection Method Task Force

Material
 summary:

NITE (Night) [Independent Administrative Institution, Product Evaluation Technology Foundation, President: Kei Tatsumi] will hold the 3rd "Examination Committee on Effectiveness Evaluation of Alternative Disinfection Methods against New Coronavirus" on May 21, We conducted the first examination of the results of the verification test for evaluating the effectiveness of candidate materials using the new coronavirus. As a result, a total of 5 types of surfactants used in detergents for homes and furniture were judged to be effective against the new coronavirus.

- In response to the request from the Ministry of Economy, Trade and Industry, the National Institute for Product Evaluation Technology (NITE) responds to the spread of new coronavirus infection and increases the number of options for disinfection methods **other than alcohol** at home and at work. We are promoting sex evaluation. (News release on April 15). For this reason, from May 1, we have begun joint verification tests using the new coronavirus with the **National Institute of Infectious Diseases and the Kitasato Institute**.
- On May 21, yesterday, the 3rd Review Committee meeting was held to examine the results obtained so far among the verification tests of candidate materials using the new coronavirus.
 as a result,
 - Linear alkylbenzene sulfonate sodium (0.1% or more)
 - Alkyl glycoside (0.1% or more)
 - Alkylamine oxide (0.05% or more)
 - Benzalkonium chloride (0.05% or more)**
 - Polyoxyethylene alkyl ether (0.2% or more)
 5 kinds of surfactants were determined to be effective against the new coronavirus. In addition, although the results were intermediate, benzethonium chloride and dialkyldimethylammonium chloride were judged to be promising.
- These materials are used in detergents for homes and furniture, and this verification is expected to expand the options for disinfection methods at home and in the workplace for measures against the new coronavirus.
 Please use the posters that have been created as a reference for disinfecting familiar items with detergents containing these surfactants.
- Regarding verification tests other than the above, we will announce them as soon as the results are obtained.
- Materials related to this presentation
 - 3rd Review Committee materials (verification test results, etc.)
 - List of detergents for houses and furniture that contain surfactants that have been confirmed to be effective
 - Poster

(Reference) About Exploratory Committee

"Examination Committee on Effectiveness Evaluation of Alternative Disinfection
 Methods for New Coronavirus"

Chair: Tetsuya Matsumoto, Professor, International Medical and Welfare University
 (Vice President, Japan Society for Environmental Infections)

Committee structure

National research institute/university academics, related organizations, etc.

Observers: Ministry of Health, Labor and Welfare, Ministry of Economy, Trade
 and Industry, etc.

URL: <https://www.nite.go.jp/data/000109233.pdf>