



SMOKE-CHECK™ Smoke Detector Challenge Particles

Catalog Number: SD-01

Packaging Date:

Description

The product (SD-01) is a polystyrene latex microsphere suspension used to confirm the performance of an installed smoke detector system's piping network, known as a "transport time test". The test is outlined in the United States NFPA Standard 72 (1995 edition) and is required annually.

Handling Suggestions

Prior to use, invert the bottle several times to ensure the particles are thoroughly dispersed in the suspension. Shaking the bottle is to be avoided, as this can entrap air bubbles and possibly interfere with the siphoning action of the nebulizer. Pour the contents of the bottle into the reservoir and re-attach it to the nebulizer. The nebulization rate of the microsphere suspension is approximately 0.25mL/min. The nebulizer comes with an operating manual with detailed operation and cleaning instructions.

Storage and Shelf Life

The shelf life of an unopened bottle is two years from the Packaging date when stored at room temperature. Do not freeze the particle suspension, as freezing will irreversibly flocculate the particles. Once the bottle has been opened the suspension should be used within two days.

Precautions

As a general rule, avoid inhalation of any fine particles. Microgenics Corporation **strongly** recommends wearing appropriate protective equipment as required by OSHA when working with any particulate aerosols. See the enclosed MSDS for further information.

Limited Warranty

These products are intended for laboratory use by trained scientific personnel. Determination of their suitability for a specific end-use is the responsibility of the user, who assumes all liability for loss or damage arising out of the use of the product. Rebottling or relabeling voids the warranty and certification. Microgenics Corporation's warranty is limited to replacement of defective products if returned with our authorization within 60 days of purchase date.

THE FOREGOING WARRANTY SHALL BE IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL MICROGENICS BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.