

Use Directions

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Sanitizing in Food Processing Plants, Restaurants and Institutional Food Service Areas:

To sanitize previously cleaned and rinsed food processing equipment, eating utensils and glassware, use 1 oz of Biopal NR-1 to 5 gallons of water (25 ppm titratable iodine). Apply with suitable applicator such as a brush or sponge generously to wet the surfaces thoroughly, allow a minimum 1 minute contact time.

For small articles and utensils, use a bath containing 1 oz Biopal NR-1 to 5 gal water (25 ppm titratable iodine). Allow items to soak a minimum of 1 minute.

Allow to drain thoroughly, but do not rinse. When used in this manner, Biopal NR-1 does not require a final potable water rinse in accordance with the Code of Federal Regulations, Title 21, Section 176.1010.

Cleaning and Disinfecting in Hospitals and General Institutional Use: Operating rooms and equipment, patient rooms, animal cages and rooms, bed frames and similar hard surfaces.

For disinfecting and cleaning in one operation, use 6 oz of Biopal NR-1 to 5 gal water (150 ppm titratable iodine). Apply with suitable applicator such as sponge or mop so as to wet the surfaces thoroughly for a minimum contact time of 10 minutes. For extra dirty surfaces, clean gross first, then proceed as above. Rinse with potable water.

For disinfecting surgical instruments, thermometers, rubber gloves, tubing and glassware, articles should be thoroughly cleaned of all blood, serum and other soils. Use 4 oz of Biopal NR-1 per 5 gal water (100 ppm titratable iodine). Allow to soak a minimum of 10 minutes or until re-use. Rinse with potable water.



Biopal NR-1

For Sanitizing, Cleaning,
and Disinfecting



DANGER!

Hazard to Humans and Domestic Animals

Corrosive. Causes eye damage. Protect eyes when handling. Do not get in eyes or on clothing. Avoid skin contact. Harmful if swallowed. Avoid contamination of food.



FIRST AID:

In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Call a physician. For skin, wash promptly. Remove and wash contaminated clothing before re-use.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician.

Container Disposal:

Rinse empty container thoroughly with water and discard in trash collection.



DANGER!

Keep out of reach of children. See First Aid and other precautions on side panel.

Active Ingredients:

α -(*p*-Nonylphenyl)- ω -hydroxypropyl
(oxyethylene)iodine complex (providing
1.75% of titratable iodine) 23.75%

Inerts:

Others 76.25%
Total 100.00%

Uses:

Biopal NR-1 is a one-step cleaner-disinfectant containing iodine as the broad-spectrum germicide complexed with nonionic surfactants.

Biopal NR-1 can also be used as a sanitizer for food contact surfaces.

It is recommended for general use in hospitals, restaurants, and for general institutional uses.

Biopal NR-1, when used at 150 ppm iodine, is effective for solid surfaces as a one-step cleaner-disinfectant against bacteria and pathogenic fungi. Biopal NR-1 is effective against Influenza A2 (Hong Kong) and Herpes Simplex viruses on environmental surfaces as a one-step cleaner-disinfectant at 75 ppm iodine.

Biopal NR-1 can also be used at 100 ppm iodine as a disinfectant against bacteria and pathogenic fungi on pre-cleaned environmental surfaces.

Biopal NR-1 qualifies as a sanitizer that does not require a potable water rinse after use on food processing equipment and utensils as specified in the Code of Federal Regulations, Title 21, Section 176.1010, Sanitizing Solutions, Paragraph (b) (5).

Biopal NR-1 is not adversely affected as a sanitizing rinse in water hardness up to 500 ppm CaCO₃.

Amber to brown color of oxidation is indicator of germicidal strength. A fresh solution should be prepared each day or more frequently if noticeable change occurs in the initial color of solution.

See back panel for use directions
USP 2,931,777

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