

# EP50™

## Cleaner Disinfectant

## Hydrogen Peroxide Solution

# TECHNICAL DATA SHEET

Packaging	Code
4 x 4 L	2135278001
20 L	2135334001

### Description:

Avmor's EP50 CLEANER DISINFECTANT is an oxidizing multi-purpose degreaser and deodorizer, effective against Herpes Simplex Type 2, Influenza Type A2 and HIV-1 (Human Immunodeficiency Virus), for hard, non-porous surfaces in industrial and institutional areas. EP50 CLEANER DISINFECTANT is designed for use in hospitals, nursing homes, hotels, schools and food service establishments. Effective on sinks, faucets, counters, urinals, toilets (non-water covered surfaces), and all hand contact surfaces as well as walls, stalls and floors. Organic ingredients in this product are readily biodegradable in accordance with OECD 301 standard.

### Use Directions:

**NOTE:** To avoid excess foaming, pour water first then EP50.

Remove gross filth and heavy soil deposits. A pre-cleaning step is required and recommended for heavily soiled areas.

**DISINFECTION:** When used as directed, EP50 CLEANER DISINFECTANT kills 99.99% of the following bacteria in 5 minutes: *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa*. When used as directed, EP50 CLEANER DISINFECTANT kills the following viruses in 5 minutes at room temperature (20 +/- 1°C): Herpes simplex virus Type 2 and Influenza A2/Japan. 1. To ensure performance of the product against bacteria and viruses mentioned above as claimed, use 295 ml of EP50 CLEANER DISINFECTANT per 3.78 litres (1:12), using cold tap water. 2. Apply solution with a spray bottle, cloth, sponge or mop to wet thoroughly. 3. Allow to remain wet for 5 minutes and then let air dry. Prepare a fresh solution for each use.

**HIV-1:** When used as directed, EP50 CLEANER DISINFECTANT kills HIV-1 (Human Immunodeficiency Virus) in 5 minutes at room temperature (20 +/- 1°C). Clean blood or body fluids from surfaces before applying EP50 CLEANER DISINFECTANT. Personnel that clean items soiled with blood or body fluids should be cautioned to wear protective clothing including latex gloves, smock, mask and eye goggles. Cleaning materials and clothing soiled with blood or body fluids should be autoclaved and disposed of according to local regulations. 1. Use 7.8 ml of EP50 CLEANER DISINFECTANT per litre (1:127), using cold tap water. 2. Treated surfaces must remain wet for 5 minutes. Prepare a fresh dilution solution daily.

**PRECAUTIONS FOR FOOD PLANTS:** Equipment and surfaces subjected to direct food contact must be thoroughly rinsed with potable water after cleaning with this product. Avoid contamination of food during use. Do not store in food processing or food storage area.

**STORAGE:** Do not contaminate water, food, and or feed by storage. Avoid freezing conditions. Avoid high temperatures. Do not exceed storage temperatures of 35°C (95°F). Best storage temperatures are between 1,66°C et 29,4°C (35°F et 85°F). Overheating in storage may result in increased degradation of product, which will decrease product effectiveness. Keep concentrate away from incompatible materials.

**CONTAINER DISPOSAL:** Completely empty container. Do not reuse empty containers. Plastic bottles must be triple rinsed and recycled.

**RECYCLING:** This product package including the container, label and shipping carton are all designed to be recycled. Follow all Federal, Provincial and Local regulations regarding waste disposal.

For additional information, please visit [www.avmorgreen.com](http://www.avmorgreen.com)

### Security:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X
X =	See MSDS
0 =	Insignificant
1 =	Slight
2 =	Moderate
3 =	High
4 =	Extreme

### Note:

The data presented herein is based on experiments and information believed reliable. However, we can make no guarantee on performance of, or results obtained through the use of the product herein described owing to varying conditions in laboratories and plants over which we have no control. Neither can any guarantee be given that the products or uses outlined will not infringe any existing patents.

### Technical Specifications:

Appearance	Clear Liquid
Colour	Lemon Yellow
Odour	Orange
Specific Gravity	0.985 – 1.025
pH	3.75 – 5.75
Solids (% Brix)	6.5 – 8.5%
H <sub>2</sub> O <sub>2</sub> (%)	3.95%
DIN	02340321
Shelf Life of diluted EP50	30 days



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