

TECHNICAL DATA REPORT

HS 0602

DEAMY

Disinfectant / Cleaner / Sanitiser / Virucide / Fungicide / Mildewstat / Deodorant

DESCRIPTION:

Deamy is a colourless liquid with a slight odour of almonds. In use dilution the product is odourless.

PURPOSE:

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and in industry. DEAMY has been formulated to aid in the reduction of cross-contamination in these areas. DEAMY is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal and will prevent the growth of mould and mildew and musty odour when used as directed. DEAMY is an effective one-step sanitiser-cleaner for use on non-food contact surfaces.

When used as directed, DEAMY will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas and other places where bacterial growth can cause mal-odours.

HOW TO USE:

Deamy is a proven "one-step" disinfectant-cleaner-sanitiser-fungicide-mildewstat-virucide for hospitals, institutional and industrial use, which is effective in hard water up to 400 ppm hardness and in the presence of up to 5% serum contamination.

Apply DEAMY solution to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, or mop so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required.

Prepare a fresh solution daily or when use solution becomes visibly dirty.

DISINFECTING: To disinfect hard non-porous surfaces add 4 ml DEAMY per litre of water. Treated surfaces must remain wet for 10 minutes. At this use level DEAMY is also virucidal and fungicidal.

SANITIZING: To sanitize non-porous, non-food surfaces, add 1 ml DEAMY per litre of water. Treated surfaces must remain wet for 60 seconds.

4 ml/L Use Level: The broad spectrum activity of DEAMY has been evaluated against the following organisms by the AOAC Use-Dilution test:

Pseudomonas aeruginosa	Staphylococcus aureus
Salmonella choleraesuis	Escherichia coli
Streptococcus Pyogenes	Klebsiella pneumoniae
Enterobacter aerogenes	Salmonella schotmuelleri
Streptococcus faecalis	Shigella dysenteriae
Brevobacterium ammoniagenes	Salmonella typhi

AOAC Fungicidal Test: DEAMY is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Mould and Mildew Control: At 4 ml/L DEAMY will effectively inhibit the growth of mould and mildew and the odours caused by them when applied to hard, non-porous surfaces (as indicated in general cleaning

instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance: At 4 ml/L use-level, DEAMY was evaluated and found to be effective against the influenza A/Brazil Virus on inanimate environmental surfaces.

Sanitizing - Non-Food Contact Surfaces (such as floors, walls, tables, etc): At 1 ml/L use-level DEAMY is an effective sanitiser against Staphylococcus aureus and Klebsiella pneumonia on hard non-porous environmental surfaces.

Special instructions for cleaning and decontamination of objects and surfaces soiled with blood or human excreta and contaminated with HIV-1 virus: This product is effective against HIV-1 virus in the presence of organic matter (5% serum).

Individual protection: Wear disposable latex gloves, protective work clothing, a mask and eye protection when handling objects contaminated with blood or human excreta.

Cleaning procedure: Clean up blood and soil before applying DEAMY.

Duration of contact: To eliminate HIV-1, apply DEAMY in a dilution of 16 ml/4 litres of water and make sure that treated surfaces remain wet with this solution for 10 minutes.

Disposal of infectious materials: Blood, human excreta, cleaning materials and contaminated clothing must be placed in sealed containers and disposed off according to federal and provincial regulations on disposal of infectious materials.

PRINCIPAL USERS:

Hospitals, nursing homes, veterinary clinics, health clubs, farms, restaurants, hotels, food manufacturing and processing plants such as bakeries, liquid beverage bottling plants, dairy industry premises (milk rooms on farms), canneries, slaughterhouses, meat-packing plants, and fish processing and packaging plants.

ADVANTAGES:

- 1) Concentrated - handling, inventory and ordering requirements are minimised.
- 2) Can be used for cleaning and disinfecting in one operation.
- 3) Effective on a wide variety of microorganisms.
- 4) D.I.N. Number 02184761 Health Canada.
- 5) P.C.P. Number 24270 Agriculture Canada.
- 6) Approved for Food Plant Use, file P216 L1.
- 7) Exceeds Federal Specification 2-GP-160, type 2.
- 8) Biodegradable.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. DANGER - CORROSIVE TO EYES. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD.

FIRST AID: In case of contact, immediately flush eyes or skin with running water for at least 15 minutes. For eyes, call physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Read Material Safety Data Sheet.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to spray mixture in the tank.

2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the manufacturer.

NOTICE TO USER: This control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Product Act to use a control product under unsafe conditions. Read Material Safety Data Sheet..

SPECIFICATIONS:

Appearance	Clear liquid
Density @ 20°C	1.008
pH (Concentrate)	13.0
pH (1:256 dilution)	10.8
Freeze-thaw stability	Stable
Storage stability @ 40°C	Stable for 12 months minimum