



# Proquat<sup>®</sup> Germicidal Detergent Concentrate

## What is PROQUAT?

PROQUAT is a concentrated liquid germicide based on a unique blend of quaternary ammonium compounds and EDTA. As a germicidal detergent it has bactericidal, fungicidal and virucidal activity and is effective in soft and hard water. PROQUAT is recommended for cleaning, disinfecting and deodorizing hard inanimate surfaces

Contains:	Didecyl Dimethyl Ammonium Chloride	1.4%
	Alkyl BenzDimethyl Ammonium Chloride	11.2%
	Tetrasodium Ethylene Diamine Tetraacetate	2.0%
	Ethyl Alcohol	2.8%



## Why Control Pathogens?

Bacteria, viruses and fungi are responsible for causing a variety of diseases in livestock. Disease results in higher mortality and morbidity as well as physical and psychological stress. For disease to spread, some contact between healthy animals and diseased animals is necessary. The contact may occur directly (aerosol, saliva, feces, blood, urine etc.) or indirectly through mechanical vectors (insects, rodents, birds etc.) and human vehicles (boots, clothing, trucks, food sources etc.)

Effective cleaning and disinfection is an essential part of facility sanitation programs.

PROQUAT's spectrum of activity includes the following organisms:

BACTERIA	FUNGI	VIRUSES
Staphylococcus aureus Salmonella choleraesuis Pseudomonas aeruginosa	Trichophyton mentagrophytes	Influenza A2 Herpes simplex Canine distemper Fowl Laryngotracheitis Vaccinia Adenovirus Type 5

## Application:

Dilute with water as directed below and apply by pressure (300 psi), scrub or immerse livestock handling equipment, forks, scrapers etc. in solution.

For heavily soiled areas a preliminary cleaning with PROQUAT is necessary before final disinfection.

Use	Dilution	PROQUAT	Water
General cleaning and Disinfection (470 ppm)	1:256	20 ml 2 L	5 L 500 L

## Recommended use:



### Features

- Unique blend of quaternary ammonium compounds
- Concentrated formula
- Flexible and effective
- Available in 3.8L size
- Unique blend of quaternary ammonium

### Benefits

- Wide spectrum of activity - bactericidal fungicidal and virucidal
- Offers cost effect general cleaning and disinfection
- Effective in both hard and soft water
- 3.8 L size offers convenience for smaller facilities
- Wide spectrum of activity - bactericidal, fungicidal

Consult label for current use directions and precautions

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PROQUAT™  
Germicidal Detergent Concentrate

DIN 02246131

Net Contents 3.8 L

Germicidal, Fungicidal, Virucidal based on a unique blend of Quaternaries.

GUARANTEE:

Didecyl Dimethyl Ammonium Chloride	1.4%
Alkyl (C <sub>12</sub> , 40%; C <sub>14</sub> , 50%; C <sub>16</sub> , 10%) Benzyl Dimethyl Ammonium Chloride	11.2%

KEEP OUT OF REACH OF CHILDREN  
DANGER  
CORROSIVE – POISON

Recommended for the cleaning and disinfecting of vehicles, livestock and poultry buildings and equipment, hatcheries and equipment. PROQUAT Germicidal Detergent is a concentrated germicide based on a unique blend of quaternaries. PROQUAT cleans, disinfects and deodorizes in soft or hard water (by official A.O.A.C. test 400 ppm CaCO<sub>3</sub>, use dilution confirmation 1:256). For heavily soiled areas, a preliminary cleaning with PROQUAT is necessary before final disinfection.  
Germicidal - Staphylocidal, Pseudomonacidal.  
Fungicidal - T. mentagrophytes.  
Virucidal - against certain lypophylic viruses including Herpes simplex, Influenza A2, canine distemper, fowl laryngotracheitis and Vaccinia, also effective against Adenovirus Type 5.

Use dilution confirmation	1:256
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DIRECTIONS FOR USE

	Use Dilution	PROQUAT	Water
General cleaning and disinfection	1:256	20 mL	5.0 L
	(470 ppm)	2 L	500 L

Poultry and Livestock Buildings, Vehicles and Equipment:

Remove all poultry and livestock from buildings. Remove all litter and manure from floors, walls and other surfaces of barns and equipment. Apply PROQUAT at the recommended use dilution and saturate all surfaces by spray or manual methods. Preliminary cleaning may be necessary. Ventilate buildings and allow disinfectant to dry before housing livestock. Rinse feeders and waterers thoroughly with potable water prior to reuse.

Hatchery Sanitation:

Use PROQUAT 1:256 to clean and disinfect hatchers, equipment, floors and walls. Also for disinfection of setter and hatcher trays before reuse. Saturate all surfaces. Preliminary cleaning may be necessary.

DISPOSAL:

1. Do not reuse empty container.
2. Rinse the emptied container thoroughly and add the rinsings to treatment site.
3. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
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 regional office of Environment Canada.
6. For small spills. Recover free liquid. Soak up residue with solids absorbent. Sweep up spill, and put into disposal container and dispose as per point 5. DO NOT FLUSH INTO SURFACE STREAMS. INFORM ENVIRONMENT CANADA AS IN POINT 5.

PRECAUTIONS:

Corrosive to eyes. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Do not use on animals.

FIRST AID:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contact lenses immediately. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician immediately. If inhalation of concentrate fumes causes irritation to mucous membranes and/or breathing difficulties, get fresh air. Take container, label or product name and Drug Identification Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate inducing vomiting. Measures against circulatory shock, respiratory depression and convulsion may be needed. Skin contact can cause allergic dermatitis. For further information refer to the MSDS. Oral LD50 (rat): 2100 mg/kg.

STORAGE:

Keep from freezing. Store tightly closed at room temperature.

Manufactured For: Hacco, Inc., 110 Hopkins Drive, Randolph, WI 53956 U.S.A.

Distributed By: Engage Animal Health, 1030 Gordon Street, Guelph, ON N1G 4X5 Canada

Consult label for current use directions and precautions

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