

F106, mop buckets • Q306, quarts

# Neutral Disinfectant Cleaner

The Original Water-Soluble Liquid Packet™

\* U.S. Patent Nos. 6,037,319; 6,136,776

- Easy to use • No spills • No waste
- Saves space, time and money • Provides job site portion control
- Reduces costly employee training • Entire PAK-IT™ dissolves easily in water
- Significant environmental source reduction

**Neutral Disinfectant Cleaner** is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, hotels, schools, and restaurants where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.

This product, when used as directed, is formulated to disinfect hard non-porous inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms.

This product is formulated to a neutral pH and will not dull high-gloss floor finishes with repeated use.

This product is a water soluble packet. Follow label dilution instructions by dropping packet directly into water. **DO NOT REMOVE PACKETS BEFORE USE. STORE IN A COOL DRY PLACE. DO NOT HANDLE PACKETS WITH WET HANDS.**

**GENERAL CLEANING & DEODORIZATION:** Apply product to soiled area with a mop, cloth, sponge, or hand pump trigger sprayer. Product must be diluted as indicated in the DISINFECTION section. Thoroughly wet soiled surface and scrub as necessary. Rinse surface with potable water and wipe dry with a dry paper towel or lint-free cloth.

**DISINFECTION-** To disinfect inanimate, hard, non-porous surfaces use the appropriate size premeasured packet.

Packet Size	Net Weight	Number of Packets	Dilution
Small	0.0993 ounce	1	Quart
Large	0.794 ounce	1	2 gallons

Stir gently to form a uniform solution. Apply solution with a mop, cloth, sponge, or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**TO DISINFECT TOILET BOWLS:** Remove gross filth or soils from surfaces with bowl brush prior to disinfection. Remove or expel over the inner trap the residual bowl water. Make a dilute solution by dissolving one (1) small packet in one (1) quart of water or one (1) large packet in two (2) gallons of water. Apply use solution with a mop, cloth, sponge, or hand pump trigger sprayer, so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Brush or swab the bowl completely, using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

**TO DISINFECT RESTAURANT FOOD CONTACT SURFACES:** Countertops, appliances, tables, add the appropriate size premeasured packet as indicated in the DISINFECTION section. Apply solution with a cloth, sponge, or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product can not be used to clean the following food contact surfaces: utensils, glassware and dishes.

EPA Reg. No. 1839-176-70459 • EPA Est. No. 34282-PA-1

F106 Mop Buckets



Q306 Quarts



Another innovative product from



Philadelphia, PA 19124 ♦ 800-426-1127

www.pakit.com

## Mixing is as easy as...



## PACKAGING

### Jumbo-Pak (for quarts and mop buckets)



Product is shipped in an outer carton which contains four **Jumbo-Pak** containers. Each container holds 100x0.794 ounce packets for mop buckets or 125x0.0993 ounce packets for quarts.

Single-shipper carton also available.

### Mini-Pak (for quarts only)



Product is shipped in an outer carton which contains two **Mini-Pak** containers.

Each container holds 40 x 0.0993 ounce packets for quarts.

## Technical Data

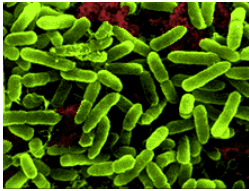
<b>Solubility in Water</b>	<b>Complete</b>
<b>pH at Use Dilution</b>	<b>7.5 ± 0.5</b>
<b>Color</b>	<b>Green</b>
<b>Fragrance</b>	<b>Pleasant</b>
<b>Phosphates</b>	<b>None</b>
<b>Biodegradability</b>	<b>Complete</b>

The Original Water-Soluble Liquid Packet.

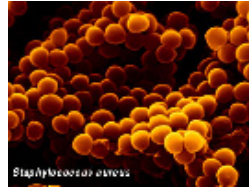


# PAK-IT Neutral Disinfectant Cleaner

## Kills the following organisms...



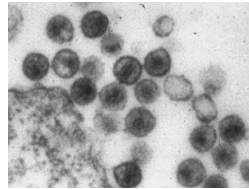
***Pseudomonas aeruginosa***  
Has ability to survive and multiply in fluids, water and moist environments. Causes infant diarrhea, ocular infections, burn infections, cystic fibrosis, folliculitis, osteomyelitis and malignant external otitis.



***Staphylococcus aureus***  
Causes skin infections such as cellulitis, boils, carbuncles and impetigo. Can cause food poisoning and toxic shock syndrome. Can cause bacteremia, endocarditis, meningitis, pneumonia and osteomyelitis.



***Salmonella choleraesuis***  
Causes gastroenteritis, septicemia, bacteremia and arthritis. Most common cause of bacterial diarrhea in the United States.



**Human Immunodeficiency Virus (HIV-1)**  
Causes severe damage to the human immune system often leading to death. The virus, which causes AIDS, infects white blood cells and T-helper cells that play key roles in the body's immune system.

## Disinfection Data:

**Test Method:** AOAC Use-Dilution Method

**Test Conditions:** 10 minute exposure time, 20°C exposure temperature, tested in presence of 5% serum, 400 ppm synthetic hard water, glass petri dishes, stainless steel carriers

### Test Results:

Test Organism	Sample	No. of Carriers		PHENOL RESISTANCE		
		Exposed	Positive	Exposure Time (min.) vs. Growth		
				5	10	15
<i>Salmonella choleraesuis</i> (ATCC 6538)	A	60	0	+	+	0
	B	60	0	+	+	+
	C	60	0			
<i>Staphylococcus aureus</i> (ATCC 10708)	A	60	1	0	0	0
	B	60	0	+	+	+
	C	60	0			
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	60	0	+	+	+
	B	60	0	+	+	+
	C	60	1			

+ = growth 0 = no growth

**Conclusion:** Under the condition of these investigations, **PAK-IT Neutral Disinfectant Cleaner** demonstrated hospital disinfectant activity against *Salmonella choleraesuis*, *Staphylococcus aureus*, and *Pseudomonas aeruginosa* according to criteria published by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a bactericide.

## Virucidal Data:

**Test Method:** U.S. EPA Pesticide Assessment Guidelines, Subdivision G: Product Performance, 1982, Section 91-30, pp.72-76

**Test Conditions:** 10 minute exposure time, room temperature exposure, 400 ppm synthetic hard water, tested in presence of 5% fetal bovine serum, glass petri dish substrates, stainless steel carriers

### Results:

Test Organism	Sample	Titer Reduction (after 10 minute contact)
Human Immunodeficiency Virus Type1 (HIV-1) (strain HTLV-III B)	A	≥3.5 log
	B	≥3.5 log

**Conclusion:** Under the conditions of this investigation, **PAK-IT Neutral Disinfectant Cleaner** is virucidal for Human Immunodeficiency Virus (HIV-1) according to criteria published by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.

# MATERIAL SAFETY DATA SHEET

# Neutral Disinfectant Cleaner • Concentrate & Use Dilution

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/DISTRIBUTOR: DCL Solutions  
ADDRESS: 4201 Torresdale Avenue P.O. Box 9523 Philadelphia, PA 19124  
EMERGENCY TELEPHONE NUMBER: 215-830-0722  
CHEMICAL NAME AND SYNONYMS: N/A proprietary blend  
TRADE NAME: Neutral Disinfectant Cleaner F106, Q306  
CHEMICAL FAMILY: Quaternary Disinfectant  
FORMULA: N/A blended product

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

	% CONCENTRATION (RANGE)	HAZARD RATINGS (TLV/PEL)
Proprietary blend of surfactants and related materials (CAS# not est.)	100.0	not est.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8hrs.TWA (ppm)

COMPONENT	HAZARD	OSHA STEL	OSHA PEL	ACGIH TLV	SUPPLIER
NONE PER 29 CFR 1910.1200	N.A.	N.A.	N.A.	N.A.	N.A.

## 3. HAZARD IDENTIFICATION:

HMS HAZARD CODE: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0 OTHER: None  
EMERGENCY OVERVIEW: CONCENTRATE MAY CAUSE IRRITATION TO EYES. IF INGESTED MAY CAUSE GASTRIC DISTRESS  
POTENTIAL HEALTH EFFECTS:  
INHALATION: NOT CONSIDERED A HAZARDOUS ROUTE OF EXPOSURE  
EYE CONTACT: MAY CAUSE IRRITATION  
SKIN CONTACT: MAY CAUSE IRRITATION  
INGESTION: MAY CAUSE GASTRIC DISTRESS  
POTENTIAL HEALTH EFFECTS:  
TARGET ORGANS: NONE KNOWN  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN  
CHRONIC: NONE KNOWN

## 4. FIRST AID MEASURES

INHALATION: NOT CONSIDERED A HAZARDOUS ROUTE OF EXPOSURE.  
EYE CONTACT: IMMEDIATELY FLUSH WITH CLEAR WATER FOR AT LEAST 15 MIN. GET MEDICAL ADVICE.  
SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER.  
INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID.  
NOTES TO PHYSICIAN: NOT A SYSTEMIC POISON. TREAT SYMPTOMATICALLY.

## 5. FIRE FIGHTING MEASURES:

Flashpoint (oF) and Method: None to boiling TCC Autoignition Temperature (oF): not est.  
FLAMMABLE LIMITS:  
GENERAL HAZARD: HEATED MATERIAL MAY LIBERATE IRRITATING FUMES.  
FIRE FIGHTING INSTRUCTIONS: NONE  
FIRE FIGHTING EQUIPMENT: WEAR FULL TURN OUT GEAR AND SELF CONTAINED BREATHING APPARATUS.  
EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water, Other: NONE  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of nitrogen, carbon oxides, ammonia  
NATIONAL FIRE PROTECTION ASSOCIATION:  
NFPA Hazard Rating: 0-Insignificant 1-Slight 2-Moderate 3-High 4-Extreme  
U-Unknown \*-No Information  
SPECIAL INFORMATION: NONE

## 6. ACCIDENTAL RELEASE MEASURES:

LAND SPILL: NOT CONSIDERED AN ENVIRONMENTAL HAZARD.  
WATER SPILL: FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES.

## 7. HANDLING AND STORAGE

STORE BETWEEN 50° AND 100° F AND RELATIVE HUMIDITY 50-60%. DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE (OR EQUIVALENT) CONTAINER BEFORE DISPOSAL.  
GENERAL: KEEP OUT OF REACH OF CHILDREN

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

ENGINEERING CONTROLS: NONE REQUIRED  
PERSONAL PROTECTION:  
RESPIRATOR: NOT REQUIRED  
PROTECTIVE CLOTHING: NOT REQUIRED

## 9. PHYSICAL DATA

BOILING POINT (F): Not est. SPECIFIC GRAVITY: 0.94 (on dilution ≈ 1.0)  
VAPOR PRESSURE (mm Hg): Not est. % VOLATILES BY WEIGHT: >10 (on dilution < 1.01)  
VAPOR DENSITY(Air=1): Not est. EVAPORATION RATE (BuAc=1): Not est.  
FREEZING POINT (oF): Not est. SOLUBILITY IN WATER: Complete  
pH: on use dilution 7.5-8.0 APPEARANCE: Clear, dark green liquid  
PHYSICAL STATE: Liquid  
ODOR: Pleasant  
DATE PREPARED: 11-3-06 BY: IB  
NOTE: Not Est. = Not Established Prop. = Proprietary

## 10. STABILITY AND REACTIVITY

GENERAL: STABLE  
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: STRONG OXIDIZERS  
HAZARDOUS DECOMPOSITION: NITROUS OXIDES AND AMMONIA VAPORS

## 11. TOXICOLOGICAL INFORMATION:

NOT ESTABLISHED FOR MIXTURE  
CARCINOGENIC INFORMATION CAS# N.A., %Wt: N.A., IARC: N.A.  
NTP: N.A., ACGIH1: N.A., ACGIH 2: N.A., OTHER: NONE

## 12. ECOLOGICAL INFORMATION:

NOT CONSIDERED TO BE A POLLUTANT

## 13. DISPOSAL CONSIDERATION

RCRA HAZARD CLASS:N.A.

## 14. TRANSPORT INFORMATION:

DOT (Department of Transportation)  
Proper Shipping Name: COMPOUND CLEANING LIQUID, N.O.S.  
Hazard Class: Not regulated  
Identification Number: N.A.

## 15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): N.A.  
CERCLA (Comprehensive Environmental Response Compensation and Liability Act):N.A.  
SARA TITLE III (Superfund Amendments and Reauthorization Act): 311/312  
Hazard Categories: N.A.  
SARA TITLE III (Superfund Amendments and Reauthorization Act): 313  
Reportable Ingredients: N.A.  
CALIFORNIA PROPOSITION 65: NO

## 16. OTHER INFORMATION:

NONE  
REFERENCES: N.A.

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