

## NEUTRAQUAT® GERMICIDAL DETERGENT & DEODORANT

*A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step.*

### FEATURES

- Economical (2 oz per gallon of water)
- Effective against the following pathogens: Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), HIV-1 (AIDS Virus), Herpes Simplex Type 1, Herpes Simplex Type 2, Influenza A/Hong Kong, Rubella (German Measles), Human coronavirus, Escherichia coli<sup>1</sup>, Listeria monocytogenes, Staphylococcus aureus-Methicillin resistant (MRSA), Staphylococcus aureus-Vancomycin Intermediate Resistant (VISA), Enterococcus faecalis-Vancomycin Resistant (VRE), Aspergillus niger, Candida albicans, Trichophyton mentagrophytes, <sup>1</sup>ATCC & antibiotic-resistant strain
- Dual quat formula for broad spectrum germicidal action
- Safe for use on all washable surfaces
- Powerful cleaning action



### RECOMMENDED SURFACES

All washable surfaces

### PRODUCT DATA

Description:	Cleaner/Disinfectant
Appearance:	Clear orange liquid
Fragrance:	Lemon
Viscosity (Brookfield):	<25 centipoise @ 68°F (20°C)
pH (undiluted):	7.7 ± 0.5 ASTM E70-97
pH @ 1:64:	7.7 ± 0.5 ASTM E70-97
Density:	8.4 lb per gal @ 68°F 1.00 kg per liter @ 20°C
Flash Point:	None
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)
Shelf Life:	2 years, ASTM D1791-93 (1998)

### PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly and mix thoroughly before using.

### ORDERING INFORMATION

Product #601MP: 4 x 1.06 gallon per case (4 x 4 liter)

**NOTE:** AVAILABLE IN US ONLY

### DIRECTIONS FOR USE: GENERAL DISINFECTING

1. Remove heavy soil deposits from surface.
2. Thoroughly wet surface with NeutraQuat Germicidal Cleaner per the following dilution ratio:  
1:64 2 US oz per gallon water (80 ml per 5 liters water)  
Apply diluted solution with a cloth, mop, sponge, or coarse spray. Allow surface to remain wet for a minimum of 10 minutes.
3. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.

### DIRECTIONS FOR USE: MILDEWSTATIC

1. Apply NeutraQuat Germicidal Cleaner per the following dilution ratio:  
1:64 2 US oz per gallon water (80 ml per 5 liters water)  
Apply with cloth, mop, sponge, or coarse spray, making sure to wet all surfaces completely. Let air dry.
2. Repeat application weekly or when growth reappears.

### DIRECTIONS FOR USE: HIV-1 AND HBV

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks or eye coverings, as appropriate, must be worn during all cleaning of blood/body fluids during decontamination procedures.

**Cleaning Procedures:** Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of disinfectant.

**Contact Time:** HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (room temperature). HBV is inactivated after a contact time of 10 minutes. Use a 10 minute contact time for other viruses, fungi, and bacteria listed.

**Disposal of Infectious Materials:** Blood/body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

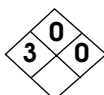
*Pioneer Eclipse®*

**NEUTRAQUAT GERMICIDAL DETERGENT AND DEODORANT****LAST REVISION DATE:** 02/27/06

**MANUFACTURER:** Pioneer Eclipse® Corp.  
 Sparta, NC 28675 Phone: 1-336-372-8080  
**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire,  
 Exposure or Accident **CALL CHEMTREC -**  
**Day or Night 1-800-424-9300** Toll Free in the  
 Continental US **483-7616** in DISTRICT OF  
 COLUMBIA. For calls originating outside the US:  
 Call Collect **1-202-483-7616** Washington, DC.

**SECTION I: GENERAL INFORMATION**

**PRODUCT NAME:** NeutraQuat™ Germicidal  
 Detergent & Deodorant  
**PRODUCT #:** 601  
**EPA REG NO.:** 47371-131-41567  
**PRODUCT TYPE:** Cleaner & Disinfectant  
**PRECAUTIONS:** Corrosive to skin and eyes.  
 Keep container sealed when not in use. Keep out  
 of reach of children.  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**HEALTH:** 3

**NFPA HAZARD RATINGS**

4-EXTREME 3-HIGH 2-MODERATE  
 1-SLIGHT 0-INSIGNIFICANT

**SECTION II: HAZARDOUS INGREDIENTS**

**INGREDIENT:** Didecyl dimethyl ammonium chloride  
**CAS#:** 7173-51-5  
**%:** 2.54  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** 84 mg/kg rat, oral  
**INGREDIENT:** n-Alkyl dimethyl benzyl  
 ammonium chloride  
**CAS#:** 68424-85-1  
**%:** 1.69  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** 426 mg/kg rat, oral

N/E = Not Established, N/L = Not Listed  
 N/A = Not Applicable

**SECTION III: PHYSICAL/CHEMICAL DATA**

**APPEARANCE:** Clear orange liquid  
**pH:** 7.7 ± 0.5  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Greater than air  
**VOLATILE BY WEIGHT:** 93-95%  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 8.4 lb per gal @ 68°F  
 1.00 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Miscible

**SECTION IV: FIRE AND EXPLOSION DATA**

**FLASH POINT:** Non-combustible  
**EXPLOSIVE LIMITS:**  
 LOWER: N/A UPPER: N/A  
**EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>, dry  
 chemical, alcohol or universal type foam.  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**HAZARDOUS COMBUSTIBLE PRODUCTS:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 Materials can splatter above 100°C / 212°F

**SECTION V: REACTIVITY DATA**

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**INCOMPATIBILITY (MATERIALS TO AVOID):**  
 None known  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
 None Known  
**REACTIVITY CONDITIONS:** None

**SECTION VI: HEALTH HAZARD DATA**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION:** Corrosive. Causes severe irreversible  
 damage. Do not get in eyes or on clothing. Avoid  
 contact with the skin. Harmful if inhaled. Avoid  
 breathing spray mist. Wash thoroughly with soap  
 and water after handling. Remove contaminated  
 clothing and wash clothing before reuse.  
**STATEMENT OF PRACTICAL TREATMENT**  
**IF IN EYES:** Hold eye open and rinse slowly and  
 gently with water for 15-20 minutes. Remove  
 contact lenses, if present, after the first 5  
 minutes, then continue rinsing eye.  
**IF ON SKIN:** Take off contaminated clothing.  
 Rinse skin immediately with plenty of water for  
 15-20 minutes.  
**IF INHALED:** Move the person to fresh air. If  
 person is not breathing, call 911 or an  
 ambulance, then give artificial respiration,  
 preferably mouth to mouth, if possible. Call a  
 poison control center or doctor for treatment  
 advice. Have the product container or label with  
 you when you calling a poison control center or  
 doctor or going for treatment.  
**Note To Physician:** Probable mucosal damage  
 may contraindicate the use of gastric lavage.

**SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES**

**STORAGE AND DISPOSAL:** Do not contaminate  
 water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Keep product under locked  
 storage, inaccessible to children. Open dumping  
 is prohibited. Do not reuse empty container.  
**PESTICIDE DISPOSAL:** Pesticide wastes are  
 acutely hazardous. Improper disposal of excess  
 pesticide, spray mixture or rinsate is a violation of  
 Federal Law. If these wastes cannot be disposed  
 of by use according to label instructions, contact  
 your State Pesticide or Environmental Control  
 Agency or the Hazardous Waste representative at  
 the nearest EPA Regional Office for guidance.  
**CONTAINER DISPOSAL:** Triple rinse (or  
 equivalent), then offer for recycling or  
 reconditioning, or puncture and dispose of in a  
 sanitary landfill, or incinerate, or if allowed by  
 state and local authorities, burn. If burned, stay  
 out of the smoke.

**SECTION VIII: SPECIAL PROTECTION**

**EYE PROTECTION:** Chemical splash goggles  
 (ANSI Z87.1-1989 or approved equivalent)  
**RESPIRATORY PROTECTION:** None required  
 when permissible airborne concentrations  
 are not exceeded. In emergency, use  
 approved positive pressure self-contained  
 breathing device.  
**VENTILATION:** Mechanical local exhaust  
 ventilation at point of contamination release  
**OTHER PROTECTIVE EQUIPMENT:** As required  
 by employer code. Chemically resistant gloves  
 are recommended.

**SECTION IX: SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:** Storage temperature  
 (MAX. 60°C / 140°F) (MIN. 1°C / 34°F)  
**OTHER PRECAUTIONS:** Avoid freezing. If frozen,  
 allow to return to room temperature slowly. Mix  
 thoroughly before using.

**SECTION X: ADDITIONAL INFORMATION**

Neither this data sheet nor any statement  
 contained herein grants or extends any license,  
 expressed or implied, in connection with patents  
 issued or pending which may be the property of  
 the manufacturer or others. The information in  
 this data sheet has been assembled by the  
 manufacturer based on its own studies and the  
 work of others. The manufacturer makes no  
 warranties, expressed or implied, as to the  
 accuracy, completeness or adequacy of the  
 information contained herein, the manufacturer  
 shall not be liable (regardless of fault) or the  
 vendee, the vendee's employees or anyone for  
 any direct, special or consequential damages  
 arising out of or in connection with the  
 accuracy, completeness, adequacy or furnishing  
 of such information.

This MSDS has been provided to you in accordance with the  
 OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200)

\*\*\*IMPORTANT SAFETY INFORMATION  
 DO NOT DISCARD\*\*\*

\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

Pioneer Eclipse®