

NeutraQuat C

A proven one step cleaner, sanitizer, disinfectant, fungicide, mildewstat and virucide in the presence of moderate amounts of organic soil.

FEATURES

- *Delivers excellent cleaning and germicidal effectiveness against Staphylococcus aureus, Salmonella choleraesuis and Escherichia coli.*
- *An effective fungicide against Trichophyton mentagrophytes (athlete's foot fungus).*
- *Formulated for use in health care facilities and food processing plants.*



RECOMMENDED SURFACES

All facilities, including health facilities and food processing plants

PRODUCT DATA

| | |
|-------------------------|---|
| Description: | Disinfectant Cleaner/Sanitizer/Disinfectant |
| Appearance: | Blue liquid |
| Fragrance: | Disinfectant |
| Viscosity (Brookfield): | <10 centipoise @ 68°F (20°C) |
| pH : | 9.0 ± 0.5 ASTM E70-97 |
| Density: | 8.5 lb per gal @ 68°F 1.02 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 and mix thoroughly before using. Avoid contamination of food during use. Do not store in food processing or food storage area.

ORDERING INFORMATION

Product #608CMP: 4 x 4 liters

NOTE: AVAILABLE IN CANADA ONLY

DIRECTIONS FOR USE:

HOSPITAL SANITIZER:

Mix NeutraQuat C per the following dilution ratio:

1:155 (6.5 ml per litre water)

Apply to walls, floors and other hard, non-porous surfaces such as tables, chairs, countertops, sinks and bedframes, with a cloth, mop or hand held trigger sprayer so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily .

FOR SCHOOLS, HOSPITALS, NON-MEDICAL INSTITUTIONAL AND INDUSTRIAL DISINFECTION:

Mix NeutraQuat C per the following dilution ratio:

1:62 (16 ml per litre water)

To disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes. Rinse with potable water and let dry. Prepare a fresh solution for each use. Delivers excellent cleaning and germicidal effectiveness against Staphylococcus aureus, Salmonella choleraesuis and Escherichia coli, and an effective fungicide against Trichophyton mentagrophytes (athlete's foot fungus) when used on surfaces in locker rooms, dressing rooms, showers, bath areas and exercise facilities. Effective against the following viruses: Influenza A/Brazil, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

FOOD ESTABLISHMENTS:

Equipment and surfaces subjected to direct food contact must be thoroughly rinsed with potable water after cleaning with this product.

For HIV-1:

Mix NeutraQuat C per the following dilution ratio:

1:38 (26 ml per litre water)

Pioneer Eclipse®

Material Safety Data Sheet

Section 1. Product Identification and Uses

LAST REVISION DATE: 15-09-03

MANUFACTURED FOR: 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.

Common/Trade name
WHMIS

Product #
Material uses

NeutraQuat C Disinfectant
Not a WHMIS controlled material.
Registered
608CMP
Disinfectant, cleaner

HFRP - HMIS

| | |
|---------------------|---|
| Health Hazard | 2 |
| Fire Hazard | 0 |
| Reactivity | 0 |
| Personal Protection | 1 |

| | |
|-----|------------------------------------|
| TDG | Not controlled under TDG (Canada). |
| PIN | None |
| PG | None |

Section II. Hazardous Ingredients

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|---|-----------|-------------|---------------|---------------------------------------|
| Alkyl dimethyl benzylammonium chloride | 8001-54-5 | 1-5 | Not available | ORAL (LD50): Acute: 800 mg/kg (Rat). |
| Tetrasodium ethylenediaminetetraacetate | 64-02-8 | 1-5 | Not available | ORAL (LD50): Acute: 3030 mg/kg (Rat). |
| Nonyl phenol ethoxylate | 9016-45-9 | 1-5 | Not available | ORAL (DL50): Acute: 1310 mg/kg (Rat). |

Section III. First Aid Measures

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|--------------|---|
| Eye contact | IMMEDIATELY flush eyes with running water for at least 15 minutes. Seek medical attention. |
| Skin contact | Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention. |
| Inhalation | Allow the victim to rest in a well ventilated area. Seek immediate medical attention. |
| Ingestion | DO NOT induce vomiting. Have a conscious person drink several glasses of water and milk. NEVER give an unconscious person anything to ingest. Seek medical attention. |

Section IV. Physical Data

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|-------------------------------|-------------------|----------------|---|
| Physical state and appearance | Liquid | Color | Blue |
| pH (concentrate) | 9.0 ± 0.5 | Odor | Disinfectant |
| Boiling point | 100° C / 212° F | Volatility | 92% (v/v). |
| Specific gravity | 1.015 (Water = 1) | Vapor density | Weighted average: 1 (Air = 1) |
| Solubility | Miscible | Vapor pressure | The highest known value is 2.3 kPa (at 20 C) (Water). |

Section V. Fire and Explosion Data

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| The product is: | Non-flammable |
| Auto-ignition temperature | Not applicable |
| Flash Points | Not applicable |
| Degradation products | Carbon oxides (CO, CO2) nitrogen oxides (NO, NO2...) |
| Extinguishing media | Use DRY chemicals, CO2, water spray or foam |

Section VI. Reactivity Data

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| Stability | The product is stable |
| Decomp.products | See fire degradation products |
| Reactivity | Slightly reactive to reactive with oxidizing agents, acids. |

Section VII. Toxicological Properties

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| Routes of entry | Eye contact. Ingestion. Skin contact. Inhalation. |
| Toxicity for animals | Acute oral toxicity (LD50):1800 mg/kg (RAT). |
| Acute effects | Slightly dangerous in case of inhalation, skin contact (irritant, permator) and eye contact (irritant). Dangerous in case of ingestion. |
| Chronic effects | CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. |

Section VIII. Preventive Measures

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| Waste disposal | Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities. |
| Storage | Keep container tightly closed. Keep in a cool, well-ventilated place. |
| Precautions | Keep locked up and out of reach of children. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Avoid contact with skin and eyes. |
| Spill and leak | Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |

Section IX. Personal protective equipment

| | |
|---------------|--|
| Gloves | Gloves (impervious). |
| Respiratory | Wear appropriate respirator when ventilation is inadequate. |
| Eyes | Safety glasses. |
| Other | Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities. |
| Eng. controls | Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location. |

Section X. Preparation and other Information

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IMPORTANT SAFETY INFORMATION DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER**

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