

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 #601DC: 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)

Material Safety Data Sheet

Section 1. Product Identification and Uses

LAST REVISION DATE: 12/06/07

MANUFACTURED FOR: Amano Pioneer Eclipse® Corp.

Sparta, NC 28675 Phone: 1-336-372-8080

Common/Trade name

NeutraQuat C Disinfectant

HFRP - HMIS

Health Hazard

2

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.

WHMIS

Not a WHMIS controlled material. Registered

Fire Hazard

0

Reactivity

0

Personal Protection

1

Product #

601DC

Material uses

Disinfectant, cleaner

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

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

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

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

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

Section VII. Toxicological Properties

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

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

Validated by the Regulatory Affairs Department 04-11-05

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

LTPD601DC 12/07