

948513

MATERIAL SAFETY DATA SHEET: USA  
MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026  
Medical Calls from Outside of the USA: 1-651-222-5352

PURITAN SERVICES INC.  
820 SIBLEY MEMORIAL HIGHWAY  
MENDOTA HEIGHTS MN 55118  
Product Information: 1-800-275-8914

Issue Date: November 25, 2003

1.0 IDENTIFICATION /

1.1 Product Name: TRIPLE PLAY

1.2 Product Type: Liquid Quat Sanitizer - EPA No. 47371-131-541

1.3 Hazard Rating: Health: 3 Fire: 1 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(in mg/m3)	
			PEL	TWA
2.1 Quaternary ammonium chloride compounds mixture		1-5	No	No
2.2 Fragrance proprietary		1-5	No	No

\*\*this fragrance mixture complies with RIFM & IFRA guidelines\*\*

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air  
TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Golden colored, clear liquid; Lemon to citrus fragrance
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 7.2-8.2 (at 100%)
- 3.4 Initial Boiling Point: 212 deg F / 100 deg C
- 3.5 Specific Gravity: 1.000 @ 68 deg F / 20 deg C

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: May flash, but does not support combustion..
- 4.2 Fire Fighting Methods: Use water fog, foam, fine water spray, dry chemical or CO2.
- 4.3 Flash Point: Not determined, but the product contains fragrance ethanol (from quat) that flashes between 100 deg F and 200 deg F.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
- 5.2 Conditions to Avoid: Anionic surfactants reduce effectiveness of quat compounds. Use only according to label directions.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue or small spills to sanitary sewer.
- 6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.

7.0 HEALTH HAZARD DATA /

DANGER

- 7.1 Effects of Overexposure to Concentrate:  
Eyes: Corrosive. Causes eye damage, possible chemical burns.



Skin: Causes moderate to severe irritation. Untreated contact may cause severe irritation or chemical burns.  
If Swallowed: Harmful. May cause chemical burns of mouth, throat and stomach.  
If Inhaled: Harmful. Mists may cause irritation to mouth, throat, or lungs.

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**8.0 FIRST AID /**

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding eyelids apart so as to rinse entire eye. SEEK MEDICAL ATTENTION IMMEDIATELY.
- 8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Discard or wash before reuse.
- 8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
- 8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,  
A POISON CONTROL CENTER, OR A PHYSICIAN

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**9.0 PROTECTIVE MEASURES /**

- 9.1 FOR CONCENTRATE:
  - Eyes: Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
  - Skin: Wear any impervious gloves, other protective equipment as necessary to prevent skin contact.
  - Respiratory: Avoid breathing mists or vapors of this product.
  - Note: Provide access to emergency eye wash and shower.

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**10.0 ADDITIONAL INFORMATION /**

- 10.1 Purpose of 11/25/2003 issue: Change in formulation and MSDS editorial review. Replaces July 9, 2002 issue.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.