

**PGI**  
Three Harris Corners  
9335 Harris Corners Parkway, Suite 300  
Charlotte, North Carolina 28269  
Telephone: 704-697-5100

Product Code: **8294**  
Issue Date: 11/11/08  
Supersedes: rev8  
Supersedes Date: 10/07/08

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

### SECTION I - PRODUCT IDENTIFICATION

Product Code: 8294  
Product Name/Synonyms: Quix<sup>®</sup> Plus Sanitizing Towel - Pink  
Chemical Description: Dry, water activated, cleaning and sanitizing rayon/polyester foodservice towel

### SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Components	Percent by Weight	C A S No.	***Exposure Limits***	
			TWA (8 Hour)	Short Term (15 Min.)
Active Ingredients:				
Alkyl dimethyl benzyl ammonium chloride (60% C-14, 30% C-16, 5% C-12, 5% C-18)		68391-01-5	None Established	None Established
Alkyl dimethyl ethylbenzyl ammonium Chloride (68% C-12, 32% C14)		68956-79-6	None Established	None Established

### SECTION III - HAZARDS IDENTIFICATION

Health Effects:  
Eyes: None known.  
Skin: None known.  
Inhalation: N.A.  
Ingestion: N.A.

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### SECTION IV - FIRST AID MEASURES

First Aid Procedures:

**Eyes:** If any loose fibers get in the eyes, wash with copious amount of water. If redness or irritation persists, contact a physician.

**Skin:** Skin irritation testing shows that this product is not irritating to the skin. However, if irritation should occur in sensitive individuals, wash the affected area with soap and water. If redness or irritation persists, contact a physician.

**Inhalation:** N.A.

**Ingestion:** N.A.

### SECTION V - FIRE FIGHTING MEASURES

		Flammable (Explosive) Limits (Percent by Volume)
Flash Point (Specify Method):	N.A.	Lower Explosive Limit: N.A.
Flammability Class:	N.A.	Upper Explosive Limit: N.A.
Fire Extinguishing Media:	Water, Carbon Dioxide, Dry Chemical	
Special Fire Fighting Procedures:	None	
Unusual Fire & Explosion Hazards:	None known; expected to be similar to ordinary combustible	

### SECTION VI - ACCIDENTAL RELEASE

Steps to be taken in case material is released or spilled: N.A.

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### SECTION VII - HANDLING AND STORAGE

Handling: None

Storage: Avoid storing near strong oxidizers.  
Avoid sources of ignition.  
Use caution when stacking to avoid unstable conditions.  
Store at temperatures below 200°F

### SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: None required when used as intended.  
Gloves: None required when used as intended.  
Respiratory: None required.  
Ventilation: None required.  
Other: N.A.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Pink fabric	Boiling Point:	N.A.
Odor Threshold:	N.A.	Freezing Point:	N.A.
Specific Gravity (Water=1):	N.A.	pH:	N.A.
Vapor Density (Air=1):	N.A.	Solubility in Water:	N.A.
Vapor Pressure (mm of mercury):	N.A.		
Evaporation Rate:	N.A.		

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### SECTION X - STABILITY AND REACTIVITY

General Reactivity:	Stable
Incompatibility (Materials to Avoid):	N.A.
Hazardous Decomposition Products:	Not tested; expected to be similar to ordinary combustion.
Hazardous Polymerization:	..X.. Will Not Occur                      ..... Will Occur
Conditions to Avoid:	N.A.

### SECTION XI - TOXICOLOGICAL INFORMATION

#### Reported Human Effects:

Based on Repeated Insult Human Patch tests on similar product, this fabric does indicate a potential for dermal irritation.

#### Reported Animal Effects:

Based on Primary Dermal Irritation test on similar product, the fabric is considered to be a mild irritant to the skin of the rabbit. The calculated Primary Irritation Index for the test article based on Draize Score was 1.13.

#### Reported Biological Reactivity Effects:

Severe biological reactivity (Grade 4) was observed in the L929 mammalian cells at 24, 48 and 72 hours, post exposure to the similar test article extract. Therefore, that test article is considered cytotoxic.

#### Carcinogenicity Information:

None of the components in the product at greater than 0.1% are listed by ACGIH, IARC, NTP or OSHA as a carcinogen.

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### **SECTION XII - ECOLOGICAL INFORMATION**

Ecotoxicity:

No ecological studies have been carried out on this product.

### **SECTION XIII - DISPOSAL CONSIDERATION**

Waste Disposal Methods:

Dispose in accordance with Federal, State and local regulations. Be aware that state and local requirements may differ widely depending on location and may in many cases be different from federal rules.

When a decision is made to discard this material as supplied, it does not meet RCRA's (Resource Conservation and Recovery Act) characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

### **SECTION XIV - TRANSPORTATION INFORMATION**

Shipping Information:

Shipments of Quix<sup>®</sup> Plus Towel are not regulated by the U.S. Department of Transportation (DOT). There is no identification number. No special labels are required.

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### SECTION XV - REGULATORY INFORMATION

#### U.S. Federal Regulations

##### OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

##### EPA:

##### TSCA:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory, 8(b).

##### CERCLA Information (40CFR 302.4):

Releases of this material to land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

##### SARA TITLE III, Section 313 Information (40CFR 372):

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

##### CLEAN AIR ACT AMENDMENTS OF 1990:

This product and its packaging do not contain, nor are they manufactured with, any of the ozone-depleting substances listed in either Class I chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform) or Class II (hydrochlorofluorocarbons) of the Clean Air Act Amendments of 1990.

##### FDA:

This product is not registered with the FDA. Therefore, it is not approved for use as articles or components of articles intended for repeated contact with food.

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### USDA:

This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.

### State Regulations

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product complies with California's Proposition 65. Use of this product does not expose users to Proposition 65-listed chemicals in excess of the warning exemption levels.

### SECTION XVI - OTHER INFORMATION

PGI Hazard Rating		Scale
Health	0	4 = Extreme
Fire	1	3 = High
Reactivity	0	2 = Moderate
Special	---	1 = Slight
		0 = Insignificant

Ratings are based on PGI guidelines, and are intended for internal use.

References Documentation: Component MSDS(s)  
2008 ACGIH Guide To Occupational Exposure Values  
The Book of Chemical Lists on CD-ROM, August 2008

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### Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which PGI believes to be reliable as of the date of this material safety data sheet. However, nothing contained in this information is to be taken as a representation, guarantee, or warranty, for which PGI bears legal responsibility. PGI urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application(s).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

### Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists  
OSHA = Occupational Safety and Health Administration  
TLV = Threshold Limit Value  
PEL = Permissible Exposure Limit  
TWA = Time Weighted Average  
STEL = Short-Term Exposure Limit  
EPA = Environmental Protection Agency  
IARC = International Agency for Research on Cancer  
NTP = National Toxicology Program  
FDA = Food & Drug Administration  
USDA = United States Department of Agriculture

### Responsibility For This MSDS:

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N.A. = Not Applicable