

Trade name: Quart'r Packs Restroom & Bowl Cleaner

### 1 Identification of the substance/mixture and of the company/undertaking

• 1.1 Product identifier

• Trade name: Quart'r Packs Restroom & Bowl Cleaner ST-692, ST-693

• Article number: BP45Q

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

• Application of the substance / the preparation

Toilet cleaner

Cleaning agent/ Cleaner

Product dilution information: 3.5 g per quart of warm water.

• 1.3 Details of the supplier of the Safety Data Sheet

Stearns Packaging Corporation 4200 Sycamore Avenue (53714) PO Box 3216

Madison, WI 53704-0216 Phone: 800-655-5008

Email: stearns@stearnspkg.com Website: www.stearnspkg.com

• 1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

#### 2 Hazards identification

	·	
• 2.1 Classification of the substance or mixture		
Classification according to Regulation (EC) No 1272/2008		
Product as SOLD Product at USE DILUTION		
(1) GHS07	Not classified.	
Eye Irrit. 2A H319 Causes serious eye irritation.	Not classified.	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC		
Xi; Irritant R36: Irritating to eyes	Not classified.	
• Information concerning particular hazards for human and	l environment:	
The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.	The mixture does not meet the criteria for classification.	
Classification system:		
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.		
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.		
Additional information: May form combustible dust concentrations in air.	The mixture does not meet the criteria for classification.	

Trade name: Quart'r Packs Restroom & Bowl Cleaner

• 2.2 Label elements	(Contd. from pag
Labeling according to Regulation (EC) No 1272/2008	
Product as SOLD Product at USE DILUTION	
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.
Hazard pictograms	
GHS07	None
• Signal word Warning	None
Hazard-determining components of labelling:	
citric acid Sodium Carbonate	Not applicable.
Hazard statements	
H319 Causes serious eye irritation.	Avoid contact with eyes.
Precautionary statements	
P102 Keep out of reach of children.	Keep out of reach of children.
P280 Wear eye protection.	Avoid contact with eyes. Wear protective eyewear if contact is possible.
P264 Wash hands thoroughly after handling.	
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.	
P337+P313 If eye irritation persists: Get medical advice/ attention.	
P501 Dispose of contents/container in accordance with local regulations.	Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.
Additional information: May form combustible dust concentrations in air.	No known hazards

## 3 Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 77-92-9	citric acid	50-100%
EINECS: 201-069-1	Xi R36	
	\$\infty\$ Eye Irrit. 2A, H319	
CAS: 497-19-8	Sodium Carbonate	10-25%
EINECS: 207-838-8 Index number: 011-005-00-2	<u></u> Xi R36	]
index number: 011-005-00-2	Eye Irrit. 2A, H319	

#### Trade name: Quart'r Packs Restroom & Bowl Cleaner

	(Co	ntd. from page
CAS: 68439-46-3	alcohols, C9-11, ethoxylated	<3%
NLP: 500-446-0	<b>I</b> Xi R38-41	
	Eye Dam. 1, H318	
	Skin Irrit. 2, H315	
CAS: 112926-00-8	Precipitated silica (Silica-Amorphous) substance with a Community workplace exposure limit	<10%

<sup>•</sup> Additional information: For the wording of the listed risk phrases refer to section 16.

#### 4 First-aid measures

4.1 Description of first aid measures		
Product as SOLD	Product at USE DILUTION	
General information: No special measures required.	No special measures required.	
After inhalation: Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.	
After skin contact:     Brush off loose particles from skin.     Immediately rinse with water.     If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.	
After eye contact:     Remove contact lenses if worn.     Rinse opened eye for several minutes under running water.     Then consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.	
After swallowing:     Rinse out mouth and then drink plenty of water.     Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.	
4.2 Most important symptoms and effects, both acute and delayed Irritant to eyes.	No known effect after eye contact.	
Hazards No further relevant information available.	No known effects.	
• 4.3 Indication of any immediate medical attention and spe	ecial treatment needed	
No further relevant information available.	No further relevant information available.	

### 5 Fire-fighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

May form combustible dust concentrations in air.

- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

• Additional information No further relevant information available.

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 3)

### 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures		
Product as SOLD Product at USE DILUTION		
Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation Wear protective equipment. Keep unprotected persons away. Product forms slippery surface when combined with water.	Use personal protective equipment as required.	
6.2 Environmental precautions:		
No special measures required.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.	
6.3 Methods and material for containment and cleaning	up:	
Pick up mechanically. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.	
• 6.4 Reference to other sections		
See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	

## 7 Handling and storage

• 7.1 Precautions for safe handling		
Product as SOLD	Product at USE DILUTION	
Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed.	No special measures required.	
Information about fire - and explosion protection:		
Dust can combine with air to form an explosive mixture.	No special measures required.	
• 7.2 Conditions for safe storage, including any incompati	bilities	
Storage:		
• Requirements to be met by storerooms and receptacles		
Avoid storage near extreme heat, ignition sources or open flame.  Protect from humidity and water.	Keep out of reach of children.	
Information about storage in one common storage facility:		
Store away from foodstuffs.  Do not store together with alkalis (caustic solutions).  Store away from oxidizing agents.	No storage precautions necessary.	

(Contd. on page 5)

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 4)

Product as SOLD	Product at USE DILUTION	
Further information about storage conditions:		
Store in cool, dry conditions in well sealed receptacles. This product is hygroscopic. Protect from humidity and water. Protect from freezing.	No storage precautions necessary.	
• 7.3 Specific end use(s) No further relevant information available.		

## 8 Exposure controls/personal protection

Product as SOLD	Product at USE DILUTION
8.1 Control parameters	
Ingredients with limit values that require monitoring at the	ne workplace:
The product does not contain any relevant quantities of mate workplace.  • DNELs No further relevant information available.  • PNECs No further relevant information available.  • Additional information: The lists valid during the making we	
8.2 Exposure controls	
Personal protective equipment:	
General protective and hygienic measures:	
The usual precautionary measures are to be adhered to when handling chemicals.  Keep away from foodstuffs, beverages and feed.  Immediately remove all soiled and contaminated clothing.  Wash hands before breaks and at the end of work.  Avoid contact with the eyes and skin.	Not required under normal conditions of use.
Respiratory protection:	
Not required under normal conditions of use. For spills, respiratory protection may be advisable. Use suitable respiratory protective device when high concentrations are present.	Not required under normal conditions of use.
Protection of hands:	
Protective gloves  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.	No protective equipment is needed under normal conditions.
Material of gloves	
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 5)

Product as SOLD	Product at USE DILUTION	
Penetration time of glove material		
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.	
Eye protection:		
Safety glasses	Wear protective eyewear if contact is possible.	
Body protection:		
Not required under normal conditions of use. Protection may be required for spills.	No protective equipment is needed under normal conditions.	
Limitation and supervision of exposure into the environment		
No further relevant information available.	No further relevant information available.	
Risk management measures		
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.	

## 9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic physical a	nd chemical properties	·
General Information     Appearance:		
Form: Color: Odor: Odor threshold:	Powder Violet Herbal - floral Not determined.	Liquid Violet Herbal - floral Not determined.
• pH-value at 20 °C:	Not applicable.	5.5 ± 0.5
Change in condition     Melting point/Melting range:     Boiling point/Boiling range:	Undetermined. Undetermined.	Not applicable. 100° C / 212° F
• Flash point:	>212 °F / >100 °C	Not determined.
• Flammability (solid, gaseous):	Not determined.	Not applicable.
Ignition temperature:	Not determined.	Not applicable.
Decomposition temperature:	Not determined.	Not determined.
Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.

(Contd. on page 7)

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 6)

	Product as SOLD	Product at USE DILUTION
Explosion limits:     Lower:     Upper:	Not determined. Not determined.	Not determined. Not determined.
Vapor pressure at 20 °C:	Not applicable.	Not determined.
<ul> <li>Density at 20 °C:</li> <li>Relative density</li> <li>Vapor density</li> <li>Evaporation rate</li> </ul>	1.1 g/cm³ Not determined. Not applicable. Not applicable.	1.00 g/cm³ Not determined. Not applicable. Not applicable
Solubility in / Miscibility with water:	Soluble.	Complete
Partition coefficient (n-octanol/water):	Not determined.	Not determined.
Viscosity:     Dynamic:     Kinematic:	Not applicable. Not applicable.	Not determined. Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available.

### 10 Stability and reactivity

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

• 10.3 Possibility of hazardous reactions

Toxic fumes may be released if heated above the decomposition point.

Reacts with strong acids and alkali.

Reacts with certain metals.

As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.

- 10.4 Conditions to avoid Store away from oxidizing agents.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

### 11 Toxicological information

• 11.1 Information on toxicological effects					
Product as SOLD	Product at USE DILUTION				
<ul> <li>Acute toxicity: Calculated oral toxicity LD50: 6,730 mg/kg (Rat)</li> </ul>	Non-toxic at use-dilution.				
LD/LC50 values relevant for classification:	LD/LC50 values relevant for classification:				
77-92-9 citric acid	No known significant effects or critical hazards.				
Oral LD50 5040 mg/kg (mouse)					
Primary irritant effect:					
<ul> <li>on the skin: Slight irritant effect on skin and mucous membranes.</li> </ul>	No adverse effects due to skin contact are expected.				
on the eye: Irritating effect.	Direct contact with eyes may cause temporary irritation.				

(Contd. on page 8)

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 7)

Product as SOLD	Product at USE DILUTION		
Sensitization: No sensitizing effects known.	No sensitizing effects known.		
Additional toxicological information:			
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:			
Irritant	Not classified.		

### 12 Ecological information

- 12.1 Toxicity
- Aquatic toxicity: The product contains materials that are harmful to the environment.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
- Remark:

Harmful to fish

- Additional ecological information:
- · General notes:

Water Hazard Class (Self-classification) in the concentrate.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Harmful to aquatic organisms.

- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

#### 13 Disposal considerations

13.1 Waste treatment methods					
Product as SOLD	Product at USE DILUTION				
Recommendation					
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.  Dilute concentrate with water and neutralize afterwards with suitable alkali material (sodium hydroxide solution, lime). The formed neutral salts are relatively environment-friendly. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.				
Uncleaned packaging:					
<ul> <li>Recommendation: Disposal must be made according to official regulations.</li> </ul>	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.				
<ul> <li>Recommended cleansing agents: Water, if necessary together with cleansing agents.</li> </ul>					

## **Safety Data Sheet**

#### according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS HCS 2012

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 8)

Product as SOLD		
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A	
• 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, powder.	
14.3 Transport hazard class(es)		
• DOT, ADR, ADN, IMDG, IATA • Class	N/A	
• 14.4 Packing group • DOT, ADR, IMDG, IATA	N/A	
• 14.5 Environmental hazards: • Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.	
• UN "Model Regulation":	Cleaning Compounds, NOI, powder.	

## 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)
- · SARA

Product as SOLD	Product at USE DILUTION				
Section 355 (extremely hazardous substances):					
None of the ingredients is listed.	Not applicable.				
Section 313 (Specific toxic chemical listings):					
None of the ingredients is listed.  None of the ingredients is listed.					
TSCA (Toxic Substances Control Act):					
All ingredients are listed.  All ingredients are listed.					
Proposition 65 (California):					
Chemicals known to cause cancer:					
None of the ingredients is listed.  None of the ingredients is listed.					
Chemicals known to cause reproductive toxicity for females:					
None of the ingredients is listed.  None of the ingredients is listed.					
Chemicals known to cause reproductive toxicity for males:					
None of the ingredients is listed.  None of the ingredients is listed.					
Chemicals known to cause developmental toxicity:					
None of the ingredients is listed.	None of the ingredients is listed.				

Trade name: Quart'r Packs Restroom & Bowl Cleaner

Product as SOLD			Product at USE DILUTION	
Carcinogenic Categories				
• EPA (Environ	mental Protection Agency)			
None of the in	gredients is listed.		None of the ingredients is listed.	
• IARC (Interna	tional Agency for Research on Cancer)			
112926-00-8	Precipitated silica (Silica-Amorphous)	3	Not applicable.	
• TLV (Thresho	ld Limit Value established by ACGIH)			
None of the in	gredients is listed.		None of the ingredients is listed.	
• NIOSH-Ca (Na	ational Institute for Occupational Safety an	d Health)		
None of the ingredients is listed.			None of the ingredients is listed.	
• OSHA-Ca (Od	cupational Safety & Health Administration			
None of the ingredients is listed.			All ingredients are listed.	
• Canada				
• Canadian Do	mestic Substances List (DSL)			
All ingredients are listed.			All ingredients are listed.	
• Canadian Ing	redient Disclosure list (limit 0.1%)			
None of the ingredients is listed.			None of the ingredients is listed.	
• Canadian Ing	redient Disclosure list (limit 1%)			
77-92-9	Citric Acid		Not applicable.	
11-92-9	Sodium Carbonate		Not applicable.	

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Relevant phrases

H319 Causes serious eye irritation.

R36 Irritating to eyes.

Product as SOLD		Product at USE DILUTION				
Hazardous Material Info	ormation	System (U.S.A.)				
Health	2			Health	0	1
Flammability	0			Flammability	0	
Physical hazards	0			Physical hazards	0	
4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant		4		; 1=SligI	nt; 0=Insignificant	

(Contd. on page 11)

Trade name: Quart'r Packs Restroom & Bowl Cleaner

(Contd. from page 10)

	Product as SOLD	Product at USE DILUTION		
NFPA ratings (sca	ale 0 - 4)			
2 0	Health = 2 Fire = 0 Reactivity = 0	0 0	Health = 0 Fire = 0 Reactivity = 0	

#### MSDS File Name: GP90Q QUARTR PACKS RESTROOM AND BOWL CLEANER SDS

• EPA/DfE Recognized: Yes

#### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LD50: Lethal dose, 50 percent

#### Sources

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com

Revision:09/02/2014

Steams Packaging Corporation makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Steams Packaging Corporation as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Steams Packaging Corporation assume any liability arising out of the use by others of this product referred to herein. The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Steams Packaging Corporation does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.