



# SAFETY DATA SHEET

## Brewguard Chlorinated Powder General Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** BGCPGC  
**Product Name:** Brewguard Chlorinated Powder General Cleaner  
**Company Name:** Shepard Bros., Inc. **Phone Number:** +1 (562)697-1366  
 503 S. Cypress St.  
 La Habra, CA 90631  
**Web site address:** www.shepardbros.com  
**Emergency Contact:** CHEMTREC +1 (800)424-9300

**Product Category:** Powdered Chlorinated Alkaline Cleaner

### 2. HAZARDS IDENTIFICATION

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Aquatic Toxicity (Acute), Category 1**



**GHS Signal Word:** Danger

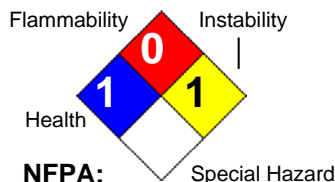
**GHS Hazard Phrases:** H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H400 - Very toxic to aquatic life.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention. P362 - Take off contaminated clothing and wash before re-use.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/containers in accordance with local/regional/national/international regulations.

**Hazard Rating System:**



**Potential Health Effects (Acute and Chronic):** Chronic: No information available.

**Inhalation:** Irritating to the nose, throat and respiratory tract. May be harmful if inhaled.

**Skin Contact:** May cause skin irritation. Can cause severe injury (reddening and swelling).

**Eye Contact:** Mildly irritating to the eyes. Can cause severe eye irritation. Can cause moderate injury (reddening and swelling).

**Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract. Irritating to mouth, throat and stomach.



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	5.00 - 10.0 %
51580-86-0	Sodium dichloroisocyanurate dihydrate	1.00 - 5.00 %

### 4. FIRST AID MEASURES

#### Emergency and First Aid Procedures:

<b>In Case of Inhalation:</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical attention immediately.
<b>In Case of Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Gently wash with plenty of soap and water. Wash contaminated clothing separately before reuse. Get medical advice/attention.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get immediate medical advice/attention.
<b>In Case of Ingestion:</b>	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
<b>Note to Physician:</b>	Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

### 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	NA
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Dry chemical, CO2, water spray or regular foam.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.
<b>Flammable Properties and Hazards:</b>	Temperatures above 420F may produce nitrogen trichloramine and carbon monoxide.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Environmental Precautions:</b>	Do not let product enter drains, sewers, watersheds or water systems.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Isolate hazard area. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Contain spill using an inert diking material. Transfer material into an approved container for possible recovery and reuse or for disposal.



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### 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin or clothing. Do not ingest or inhale. Keep away from heat, sparks and flame.

**Precautions To Be Taken in Storing:** Protect containers against damage. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in direct sunlight. Keep away from heat, sparks and flame. Keep container closed when not in use.

**Other Precautions:** Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data.	No data.	No data.
51580-86-0	Sodium dichloroisocyanurate dihydrate	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** This material does not have established exposure limits. Wear a positive pressure air-supplied respirator in situations where there may be potential for airborne exposure.

**Eye Protection:** Safety glasses with side shields. Wear chemical splash goggles and a full-face shield where there is potential for eye contact.

**Protective Gloves:** Rubber gloves.

**Other Protective Clothing:** Lab coat and apron. Rubber or neoprene boots.

**Engineering Controls (Ventilation etc.):** Use adequate general or local exhaust ventilation to minimize exposure levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid

**Appearance and Odor:** Appearance: White. Powder.  
Odor: Odorless.

**Melting Point:** NA

**Boiling Point:** NA

**Autoignition Pt:** No data.

**Flash Pt:** NA

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** NA

**Density:** NA

**Bulk density:** 1.06 G/ML

**Vapor Pressure (vs. Air or mm Hg):** NA

**Vapor Density (vs. Air = 1):** NA

**Evaporation Rate:** NA

**Solubility in Water:** Complete



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**Saturated Vapor Concentration:** NA

**Viscosity:** NA

**pH:** 11 - 12

**Percent Volatile:** No data.

**Molecular Formula & Weight:** PROPRIETARY FORMULA 0.0

### 10. STABILITY AND REACTIVITY

**Reactivity:** Temperatures above 420F may produce nitrogen trichloramine and carbon monoxide.

**Stability:** Unstable [  ] Stable [  ]

**Conditions To Avoid - Instability:** Excess heat, Incompatible materials.

**Incompatibility - Materials To Avoid:** Strong acids, amines, Ammonia, Calcium hypochlorite, Sodium hypochlorite.

**Hazardous Decomposition Or Byproducts:** Temperatures above 420F may produce nitrogen trichloramine and carbon monoxide.

**Possibility of Hazardous Reactions:** Will occur [  ] Will not occur [  ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information available.  
Teratogenicity: No information available.  
Reproductive Effects: No data available.  
Mutagenicity: No information available.  
Neurotoxicity: No data available.  
Other Studies: CAS# 68081-81-2:  
Acute toxicity, LD50, Oral, Rat, 438 mg/kg.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: No data available.  
Physical: No information available.  
Other: Do not empty into drains.

**Results of PBT and vPvB assessment:** Other Studies: CAS# 51580-86-0:  
LC50, Bluegill (*Lepomis macrochirus*), 0.460 ppm, 96H, Mortality  
LC50, Rainbow trout (*Oncorhynchus mykiss*), 0.250 ppm, 96H, Mortality  
Effective concentration to 50% of test organisms, Water Flea (*Daphnia magna*), 0.280 ppm, 48H, Intoxication

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.



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### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.  
**DOT Hazard Class:**  
**UN/NA Number:**

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No	No	No
51580-86-0	Sodium dichloroisocyanurate dihydrate	No	No	No

**Other US EPA or State Lists**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68081-81-2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
51580-86-0	Sodium dichloroisocyanurate dihydrate	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No

### 16. OTHER INFORMATION

**Revision Date:** 04/09/2015

**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.