



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

Trade name: One-Packs® Bowl Cleaner (Powdered)

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

- **1.1 Product identifier**
- **Trade name:** One-Packs® Bowl Cleaner (Powdered) ST-733, ST-733-NY
- **Article number:** BQ20
- **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** Acidic cleaner.

Product dilution information: 1.0 wt. oz. (28.35 g) per toilet bowl or urinal.

- **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
 GHS05 corrosion Eye Dam. 1 H318 Causes serious eye damage.	Not classified.
 GHS07 Skin Irrit. 2 H315 Causes skin irritation.	Not classified.
 Xi; Irritant R41: Risk of serious damage to eyes.	Not classified.

- **Information concerning particular hazards for human and 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.

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• 2.2 Label elements	
• 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	
 GHS05	None
• Signal word Danger	No signal word.
• Hazard-determining components of labeling:	
sodium bisulfate sodium dodecylbenzene sulfonate	Not applicable.
• Hazard statements	
H315 Causes skin irritation. H318 Causes serious eye damage.	Avoid contact with eyes.
• Precautionary statements	
P280 Wear protective gloves / eye protection. P264 Wash hands thoroughly after handling. P303+P361+P353+P362+P332+P313 IF ON SKIN: Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. P305+P351+P338+P310+P337 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor if eye irritation persists.	
• Additional information:	
1 percent of the mixture consists of component(s) of unknown toxicity	

3 Composition/information on ingredients

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







• Dangerous components:		
CAS: 7681-38-1 EINECS: 231-665-7 Index number: 016-046-00-X	sodium bisulfate  Xi R41  Eye Dam. 1, H318	50-100%

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CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	Sodium Carbonate	10-25%
	 Xi R36  Eye Irrit. 2A, H319	
CAS: 25155-30-0 EINECS: 270-115-0	sodium dodecylbenzene sulfonate	<2%
	 Xn R22;  Xi R38-41	
	 Eye Dam. 1, H318  Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	

• **SVHC**

No Ingredients listed.

• **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
<p>• General information: Immediately remove any clothing soiled by the product.</p>	No special measures required.
<p>• After inhalation: Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration.</p>	No special measures required. Treat symptomatically.
<p>• After skin contact: Brush off loose particles from skin. Immediately remove any clothing soiled by the product. Immediately rinse with water. If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds.</p>	No known effect after skin contact. Rinse with water for a few minutes.
<p>• After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor.</p>	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.
<p>• After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.</p>	Get medical attention if symptoms occur.
<p>• 4.2 Most important symptoms and effects, both acute and delayed Caustic effect on skin and mucous membranes. Cramp Nausea Breathing difficulty</p>	No known effects.
<p>• Hazards Danger of severe eye injury. Danger of gastric perforation.</p>	No known effects.
<p>• 4.3 Indication of any immediate medical attention and special treatment needed</p>	
Medical supervision for at least 48 hours.	Treat symptomatically.

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5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** No further relevant information available.

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. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.	Use personal protective equipment as required.

• 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course. In case of seepage into the ground inform responsible authorities.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
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• 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 Weak alkaline solution	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
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• 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.
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7 Handling and storage

• 7.1 Precautions for safe handling

Product as SOLD	Product at USE DILUTION
Store in cool, dry place in tightly closed receptacles. Any unavoidable deposit of dust must be regularly removed. Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water. Use only in well ventilated areas.	No special measures required.

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Product as SOLD	Product at USE DILUTION
• Information about fire - and explosion protection:	
Keep respiratory protective device available. Dust can combine with air to form an explosive mixture.	No special measures required.
• 7.2 Conditions for safe storage, including any incompatibilities	
• Storage:	
• Requirements to be met by storerooms and receptacles:	
Protect from humidity and water. Avoid storage near extreme heat, ignition sources or open flame. Store in a cool location. Unsuitable material for receptacle: steel. Unsuitable material for receptacle: aluminium.	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.
• Further information about storage conditions:	
Store in cool, dry conditions in well sealed receptacles. Protect from humidity and water. This product is hygroscopic.	No storage precautions necessary.
• 7.3 Specific end use(s) No further relevant information available.	

8 Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.



Product as SOLD	Product at USE DILUTION
• 8.1 Control parameters	
• Ingredients with limit values that require monitoring at the workplace:	
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis.	
• 8.2 Exposure controls	
• Personal protective equipment:	
• General protective and hygienic measures:	
The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Do not inhale dust / smoke / mist. Avoid contact with the skin.	Not required under normal conditions of use.
• Respiratory protection:	
Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable.	A respirator is not required under normal and intended conditions of use.

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Product as SOLD	Product at USE DILUTION
• Protection of hands:	
 Protective gloves <p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.</p>	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.
• 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 <p>Contact lenses should not be worn without eye protection.</p>	No protective equipment is needed under normal conditions.
• Body protection:	
Protective clothing	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 and chemical properties		
• General Information		
• Appearance:		
Form:	Granulate	Liquid
Color:	Light blue	Light blue
• Odor:	Odorless	Odorless
• Odor threshold:	Not determined.	Not determined.

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	Product as SOLD	Product at USE DILUTION
• pH-value at 20 °C:	Not applicable.	2.3 ± 0.5
• Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. Undetermined.	Not applicable. 100° C / 212° F
• Flash point:	Not applicable.	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.
• Explosion limits: Lower: Upper:	Not determined. Not determined.	Not determined. Not determined.
• Vapor pressure at 20 °C:	Not determined.	Not determined.
• Density at 20 °C: • Relative density • Vapor density • Evaporation rate	1.4 g/cm ³ Not determined. Not applicable. Not applicable.	1.00 g/cm ³ 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:**
To avoid thermal decomposition do not overheat.
Keep away from heat and direct sunlight.
- **10.3 Possibility of hazardous reactions**
Reacts with water forming sulphuric acid.
- **10.4 Conditions to avoid**
Moisture.
Keep away from heat and direct sunlight.
- **10.5 Incompatible materials:** Caustic materials
- **10.6 Hazardous decomposition products:**
Sulphur oxides (SO_x)
Carbon monoxide
Corrosive gases/vapours

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11 Toxicological information

• 11.1 Information on toxicological effects

Product as SOLD	Product at USE DILUTION									
<p>• Acute toxicity: Calculated oral toxicity LD50: 6,730 mg/kg (Rat)</p> <table border="1"> <tr> <td colspan="3">• LD/LC50 values relevant for classification:</td> </tr> <tr> <td colspan="3">7681-38-1 sodium bisulfate</td> </tr> <tr> <td style="text-align: center;">Oral</td> <td style="text-align: center;">LD50</td> <td style="text-align: center;">2490 mg/kg (rat)</td> </tr> </table>	• LD/LC50 values relevant for classification:			7681-38-1 sodium bisulfate			Oral	LD50	2490 mg/kg (rat)	<p>Non-toxic at use-dilution.</p>
• LD/LC50 values relevant for classification:										
7681-38-1 sodium bisulfate										
Oral	LD50	2490 mg/kg (rat)								
<p>• Primary irritant effect:</p>										
<p>• on the skin: Irritant effect on skin and mucous membranes.</p>	<p>No adverse effects due to skin contact are expected.</p>									
<p>• on the eye: Strong irritant with the danger of severe eye injury.</p>	<p>Direct contact with eyes may cause temporary irritation.</p>									
<p>• Sensitization: Not determined.</p>	<p>No sensitizing effects known.</p>									
<p>• Additional toxicological information:</p>										
<p>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:</p>										
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** biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
After neutralization a reduction of the harming action may be recognized.
The product causes an alteration of the pH-value within the testing system. The result refers to the non-neutralized sample.
- **Additional ecological information:**
- **General notes:**
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.
Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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13 Disposal considerations

• 13.1 Waste treatment methods

Product as SOLD	Product at USE DILUTION
• Recommendation	
Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dilute concentrate with water and neutralize afterwards with suitable alkali material (sodium hydroxide solution, lime). The formed neutral salts are relatively environment-friendly.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• Uncleaned packaging:	
• Recommendation: Disposal must be made according to official regulations. • Recommended cleansing agents: Water only.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

14 Transport information

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.
Product at USE DILUTION Not intended for transport.	

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 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	None of the ingredients is listed.

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Product as SOLD	Product at USE DILUTION	
• 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.	
• Carcinogenic Categories		
• EPA (Environmental Protection Agency)		
None of the ingredients is listed.	None of the ingredients is listed.	
• IARC (International Agency for Research on Cancer)		
None of the ingredients is listed.	None of the ingredients is listed.	
• TLV (Threshold Limit Value established by ACGIH)		
None of the ingredients is listed.	None of the ingredients is listed.	
• NIOSH-Ca (National Institute for Occupational Safety and Health)		
None of the ingredients is listed.	None of the ingredients is listed.	
• OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.	None of the ingredients is listed.	
• Canada		
• Canadian Domestic Substances List (DSL)		
All ingredients are listed.	All ingredients are listed.	
• Canadian Ingredient Disclosure list (limit 0.1%)		
None of the ingredients is listed.	None of the ingredients is listed.	
• Canadian Ingredient Disclosure list (limit 1%)		
7681-38-1	sodium bisulfate	Not applicable.
497-19-8	sodium carbonate	Not applicable.
25155-30-0	sodium dodecylbenzene sulfonate	Not applicable.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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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**

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.

 R22 Harmful if swallowed.
 R34 Causes burns.
 R36 Irritating to eyes.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.

SDS File Name: BQ20 BOWL CLEANER-POWDERED SDS

- **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:
 JBE/JER

Revision: 11/08/2017

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