



## Beer Clean Low Suds Glass Cleaner

Version Number: 1

Preparation date: 2014-05-13

### 1. IDENTIFICATION

**Product name:** Beer Clean Low Suds Glass Cleaner  
**Product Code:** 990224, 990241  
**SDS #:** MS0800216  
**Recommended use:**

- Industrial/Institutional
- Hand dishwash
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

|                                                                                                                                                            |                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>Diversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-1964<br>Phone: 1-888-352-2249<br>MSDS Internet Address: www.diversey.com | Canadian Headquarters<br>Diversey, Inc. - Canada<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

|                                                  |            |
|--------------------------------------------------|------------|
| Skin corrosion/irritation                        | Category 2 |
| Serious eye damage/eye irritation                | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |

**Signal Word:****Danger**

#### Precautionary Statements

#### MAY CAUSE RESPIRATORY IRRITATION. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.

Avoid contact with eyes, skin and clothing. Causes burns/ serious damage to mouth, throat and stomach. Avoid breathing dust. Avoid breathing spray. Wash affected areas thoroughly after handling. Use only in a well-ventilated area. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or doctor/physician. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable  
**Physical hazards not otherwise classified (PHNOC)** - Not applicable

#### **Classification for the diluted product @ @ 1:768**

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and current Canadian Controlled Products Regulations (CPR).

#### **Precautionary Statements**

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Classified Ingredients**

| <b>Ingredient(s)</b>                                | <b>CAS #</b> | <b>Weight %</b> |
|-----------------------------------------------------|--------------|-----------------|
| Sodium citrate                                      | 6132-04-3    | 40 - 50%        |
| Sodium sesquicarbonate                              | 533-96-0     | 30 - 40%        |
| Sodium sulfate                                      | 7757-82-6    | 5 - 10%         |
| Tetrasodium salt of EDTA                            | 64-02-8      | 5 - 10%         |
| Amines, c12-14-tert-alkyl, ethoxylated propoxylated | 68603-58-7   | 1% - < 3%       |
| Silica gel                                          | 112926-00-8  | > 0.1% - < 1%   |

\*Exact percentages are being withheld as trade secret information

### **4. FIRST AID MEASURES**

#### **Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** None known.

#### **Diluted Product:**

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

### **5. FIRE-FIGHTING MEASURES**

**Specific methods:**

No special methods required.

**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:**

Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:**

Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable) :** Not applicable

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Ingredient(s)                                       | CAS #       | ACGIH | OSHA |
|-----------------------------------------------------|-------------|-------|------|
| Sodium citrate                                      | 6132-04-3   | -     | -    |
| Sodium sesquicarbonate                              | 533-96-0    | -     | -    |
| Sodium sulfate                                      | 7757-82-6   | -     | -    |
| Tetrasodium salt of EDTA                            | 64-02-8     | -     | -    |
| Amines, c12-14-tert-alkyl, ethoxylated propoxylated | 68603-58-7  | -     | -    |
| Silica gel                                          | 112926-00-8 | -     | -    |

**Undiluted Product:**

**Engineering measures to reduce exposure:**

Use only in well-ventilated areas No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <b>Eye protection:</b>           | Chemical-splash goggles.                                               |
| <b>Hand protection:</b>          | Chemical-resistant gloves.                                             |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions.                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions.                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

**Diluted Product:**

**Personal Protective Equipment**

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <b>Eye protection:</b>           | No special requirements under normal use conditions.                   |
| <b>Hand protection:</b>          | No special requirements under normal use conditions.                   |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions.                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions.                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State:** Powder

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/range:** Not determined

**Autoignition temperature:** No information available

**Solubility in other solvents:** No information available

**Density:** 7.21 lbs/gal 0.864 Kg/L

**Bulk density:** No information available

**Flash point:** > 200 °F > 93.3 °C

**Dilution Flash Point:** > 200 °F > 93.3 °C

**Elemental Phosphorus:** 0 % by wt.

**pH:** Not applicable

**Dilution pH:** 9.45 @ 1:768

**Metal Corrosion** Not determined

**Explosion limits:** - upper: Not determined - lower: Not determined

**Color:** Opaque, White

**Odor:** No Odor/Odorless

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 0.864

**Vapor density:** No information available

**Vapor pressure:** No information available.

**Partition coefficient (n-octanol/water):** No information available

**Viscosity:** No information available

**VOC:** 0 %

**VOC % by wt. at use dilution** 0 %

**Flammability (Solid or Gas):** Not applicable

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:**

Not Applicable

**Stability:** The product is stable  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** None known.  
**Conditions to avoid:** No information available.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** 4500

**ATE - Inhalatory, mists (mg/l):** 7.1

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

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

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Contaminated Packaging:** Do not re-use empty containers.

**RCRA Hazard Class (undiluted product):** Not Regulated

**RCRA Hazard Class (diluted product):** Not Regulated

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, SCOURING, OR WASHING COMPOUNDS, OTHER THAN LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, SCOURING, OR WASHING COMPOUNDS, OTHER THAN LIQUID

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

### U.S. Regulations

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65.

### RIGHT TO KNOW (RTK)

| Ingredient(s)  | CAS #     | MARTK: | NJRTK: | PARTK: | RIRTK: |
|----------------|-----------|--------|--------|--------|--------|
| Sodium citrate | 6132-04-3 | -      | -      | -      | -      |

|                                                     |             |   |   |   |   |
|-----------------------------------------------------|-------------|---|---|---|---|
| Sodium sesquicarbonate                              | 533-96-0    | - | - | - | - |
| Sodium sulfate                                      | 7757-82-6   | X | - | X | - |
| Tetrasodium salt of EDTA                            | 64-02-8     | - | - | - | - |
| Amines, c12-14-tert-alkyl, ethoxylated propoxylated | 68603-58-7  | - | - | - | - |
| Silica gel                                          | 112926-00-8 | X | X | X | - |

#### CERCLA/ SARA

#### SARA 311/312 Hazard Categories

**Immediate:** X  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

#### Canada

### 16. OTHER INFORMATION

#### NFPA

**Health** 3

**Flammability** 0

**Instability** 0

**Version Number:** 1

**Preparation date:** 2014-05-13

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** • Does not contain an added fragrance

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