1. IDENTIFICATION

Product name: Beer Clean Mineral Solvent
Product Code: 990222
SDS #: MS0800217
Recommended use:
• Industrial/Institutional
• Specialty chemical
• 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
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com

Canadian Headquarters
Diversey, Inc. - Canada
2401 Bristol Circle
Oakville, Ontario L6H 6P1
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 2A

Signal Word: Warning

Precautionary Statements
CAUSES SKIN AND SERIOUS EYE IRRITATION.
Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. 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 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. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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
3. COMPOSITION/INFORMATION ON INGREDIENTS

**Classified Ingredients**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium citrate</td>
<td>6132-04-3</td>
<td>50 - 60%</td>
</tr>
<tr>
<td>Sodium sulfate</td>
<td>7757-82-6</td>
<td>40 - 50%</td>
</tr>
</tbody>
</table>

*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. If eye irritation persists: Get medical advice/attention.

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

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

**Ingestion:** IF SWALLOWED: Rinse mouth. 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. 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.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
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<th>ACGIH</th>
<th>OSHA</th>
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<tr>
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</table>

Undiluted Product:
Engineering measures to reduce exposure:
No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment
- **Eye protection:** Chemical-splash goggles.
- **Hand protection:** Chemical-resistant gloves.
- **Skin and body protection:** No special requirements under normal use conditions.
- **Respiratory protection:** No special requirements under normal use conditions.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Personal Protective Equipment
- **Eye protection:** No special requirements under normal use conditions.
- **Hand protection:** No special requirements under normal use conditions.
- **Skin and body protection:** No special requirements under normal use conditions.
- **Respiratory protection:** No special requirements under normal use conditions.
- **Hygiene measures:** 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:** 10.34 lbs/gal 1.24 Kg/L
- **Bulk density:** No information available
- **Flash point:** Not applicable
- **Partition coefficient (n-octanol/water):** No information available
- **Dilution Flash Point:** No information available
- **Elemental Phosphorus:** 0 % by wt.
- **pH:** Not applicable
- **VOC:** 0 % *
- **VOC % by wt. at use dilution:** 0 % *
- **Flammability (Solid or Gas):** Not applicable
- **Color:** Opaque, White
- **Odor:** No Odor/Odorless
- **Boiling point/range:** Not determined
- **Decomposition temperature:** Not determined
- **Solubility:** Completely Soluble
- **Vapor density:** No information available
- **Vapor pressure:** No information available
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:** No information available
- **Flammability:** Not applicable

10. STABILITY AND REACTIVITY

- **Reactivity:** Not Applicable
- **Stability:** The product is stable
- **Hazardous decomposition products:** None reasonably foreseeable.
- **Materials to avoid:** Strong oxidising agents. Do not mix with chlorinated products (such as bleach).
- **Conditions to avoid:** No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Inhalation, Eye contact

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:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.
- **Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
- **Inhalation:** May be irritating to mouth, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.
- **Sensitization:** No known effects.

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

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/NDSL).

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

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
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CERCLA/ SARA

<table>
<thead>
<tr>
<th>SARA 311/312 Hazard Categories</th>
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<tbody>
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<td>Delayed:</td>
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<tr>
<td>Reactivity:</td>
<td>-</td>
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<tr>
<td>Sudden Release of Pressure:</td>
<td>-</td>
</tr>
</tbody>
</table>

Canada

16. OTHER INFORMATION

NFPA
Health 2
Flammability 0
Instability 0

Version Number: 1
Preparation date: 2014-05-21

Reason for revision: Not applicable
Prepared by: NAPRA
Additional advice: • Does not contain an added fragrance

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