

SINCE THE ORIGINAL 1959



Beer Clean™

Glass Cleaner / Low Suds Glass Cleaner / Mineral Solvent / Last Rinse Sanitizer

A complete system of compatible chemicals that delivers properly cleaned glass for a better operator image and better profits.

Features & Benefits

- Simple and easy to use
- A complete system of compatible chemicals designed for outstanding cleaning
- Provides thoroughly cleaned glassware with no odor, aftertaste, or residue
- Clean beer glasses deliver better-looking beer with bigger heads for higher profits





Use instructions

- Thoroughly clean the sinks with a small amount of glassware cleaner prior to glass washing. Also, use clean brushes that are not worn.
- Set up sinks in four easy steps:
 1. Fill first tank with hot or cold water almost to the top of the brushes. Add Beer Clean™ Mineral Solvent, if needed, based on local water-hardness conditions.
 2. Add Beer Clean™ Glass Cleaner to the first sink, accurately measuring proper amount required or by sprinkling a pre-measured packet over the brushes.
 3. Fill the second tank with clean, hot or cold, continuously flowing water. This tank is used to rinse off detergent from glassware used in the first sink.
 4. Fill third sink with three gallons (11.5 liters) of hot or cold water. Add ¼ oz. Beer Clean™ Last Rinse Sanitizer.
- Wash glasses in the first sink, making sure that all glass edges come in contact with the brushes. If a three-brush manual system is used, clean glasses on the center brush.
- Rinse glassware in the second sink by placing the bottom of the glass in the water first, at an angle. If immersed top first, an air pocket can form, preventing complete rinsing. Withdraw the glass at an angle, bottom first (“heel in, heel out” technique). If you only have a two-tank system, do not include a rinse sink.
- Submerge glassware in sanitizing rinse solution (third sink) by using the “heel in, heel out” technique. Allow to remain immersed for at least 2 minutes. Follow national food service sanitation guidelines and local health codes for sanitizing.
- Air dry sanitized glassware upside down on a deeply corrugated drain board to allow maximum air flow. Do not dry glasses with towel, since it can leave lint on the glass and transfer germs and odors. Do not store glasses on a towel, rubber drain pad or any smooth surface.

Technical data	Glass Cleaner-Manual Brush	Low Suds Glass Cleaner-Electric Brush	Mineral Solvent	Last Rinse Sanitizer
Certifications	Kosher	Kosher	NSF (Steam Table Use)	Kosher, EPA 70627-26
Color/Form	Opaque white, powder	Opaque white, powder	Opaque white, powder	Light yellow, powder
pH (Dilution)	9.45 @ 1:768	9.45 @ 1:768	8.6 @ 1:768	6.0 @ 1:1536
Scent	No fragrance added	No fragrance added	No fragrance added	Chlorine
Shelf Life	2 years	2 years	2 years	1 year (90223)/ 6 Months (90203)

Product	Pack size	Dilution	Product code	
Beer Clean™ Glass Cleaner	2 x 4 lb./1.81 kg Manual Brush Bulk Pack	1:768	990201	
Beer Clean™ Low Suds Glass Cleaner	2 x 4 lb./1.81 kg Electric Brush Bulk Pack	1:768	990241	
Beer Clean™ Glass Cleaner	100 x ½ oz./14 g Manual Brush	1:768	990221	
Beer Clean™ Low Suds Glass Cleaner	100 x ½ oz./14 g Electric Brush	1:768	990224	
Beer Clean™ Mineral Solvent	100 x ½ oz./14 g	1:768	990222	
Beer Clean™ Last Rinse Sanitizer	2 x 25 oz./.71 kg Bulk Pack	1:1536	90203	
Beer Clean™ Last Rinse Sanitizer	100 x ¼ oz./7 g	1:1536	90223	

Safe handling

Please make sure your employees read and understand the product label and Safety Data Sheet before using this product. The label contains directions for use; and both the label and SDS contain hazard warnings, precautionary statements and first aid procedures. SDS are available online at www.diversey.com or by calling 888.352.2249. Improper use or dilution may result in damage to surfaces and may result in health and physical hazards that match those of the concentrate.



Beer Clean Last Rinse Sanitizer

Revision: 2021-01-20

Version: 02.0

Product name: Beer Clean Last Rinse Sanitizer
SDS #: MS0800455
Recommended use:

- Industrial/Institutional
- Sanitizer
- 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.
 P.O. Box 19747
 Charlotte, NC 28219-0747
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

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

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Acute oral toxicity	Category 4
Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1
Oxidation	Oxidizing Solid 3



Signal word:

Danger.

Hazard Statements

MAY INTENSIFY FIRE; OXIDIZER. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. HARMFUL IF SWALLOWED.

Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep and store away from clothing and other combustible materials. Keep container tightly closed. Do not breathe dust. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing and eye or face protection. 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. 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 physician. In case of fire: Use CO₂, dry chemical, or foam to extinguish. Store in a cool, dry, well-ventilated place. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product 1 : 1536

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard and Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Classified Ingredients**

Ingredient(s)	CAS #	Weight %
Trichloromelamine	7673-09-8	10 - 30%
Sodium dodecylbenzene sulfonate	25155-30-0	5 - 10%
Citric acid	77-92-9	5 - 10%
Melamine	108-78-1	1 - 5%

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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

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.

Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required

Inhalation: No specific first aid measures are required

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

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: Corrosive material (See sections 8 and 10).

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: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May vigorously react with strong alkaline products resulting in spattering and excessive heat. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. OXIDIZER. Keep away from heat. Keep and store away from clothing and other combustible materials. Wash contaminated clothing before reuse. Keep container tightly closed. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Store in a cool, dry place, isolated from all organic material. Avoid heat and direct sunlight. Keep container closed.

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.

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves.
Skin and body protection:	Protective footwear. Wear suitable protective clothing.
Respiratory protection:	No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:	No personal protective equipment required under normal use conditions.
Hand protection:	No personal protective equipment required under normal use conditions.
Skin and body protection:	No personal protective equipment required under normal use conditions.
Respiratory protection:	No personal protective equipment required under normal use conditions.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder	Color: Opaque , Yellow
Evaporation Rate: No information available	Odor: Chlorine
Odor threshold: No information available.	Boiling point/range: Not determined
Melting point/range: Not determined	Decomposition temperature: Not determined
Autoignition temperature: No information available	Solubility: Completely Soluble
Solubility in other solvents: No information available	Relative Density (relative to water): 0.81
Density: 0.81 Kg/L	Vapor density: No information available
Bulk density: No information available	Vapor pressure: No information available.
Flash point (°F): > 200 °F > 93 °C	Partition coefficient (n-octanol/water): No information available
Viscosity: No information available	Elemental Phosphorus: 15.84 % by wt.
VOC: 0 % *	pH: Not applicable
Flammability (Solid or Gas): Not applicable	Corrosion to metals: Not applicable to solids or gases
Sustained combustion: Not applicable	
Explosion limits: - upper: Not determined - lower: Not determined	

Dilution pH:

≈ 6

Dilution Flash Point (°F): > 200 °F > 93.4 °C

VOC % by wt. at use dilution: 0 %

* - 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
Possibility of hazardous reactions:	May vigorously react with strong alkaline products resulting in spattering and excessive heat.
Hazardous decomposition products:	None reasonably foreseeable.

Materials to avoid: Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

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

Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

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. Symptoms may include vomiting, nausea, and/or feeling of general unwellness. Harmful if swallowed.

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

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Carcinogen Listings: This product contains a component that is classified by the International Agency for Research on Cancer (IARC) as Group 2B, "Possibly carcinogenic to humans", which is generally based on limited evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals. No data is available on the product itself.

Ingredient(s)	CAS #	NTP	IARC	OSHA
Melamine	108-78-1		2B	

Numerical measures of toxicity

ATE - Oral (mg/kg): 1800

ATE - Dermal (mg/kg): >5000

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, is 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.

Waste from residues / unused products (diluted product):

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.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:

Refer to product label.

Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): D001 Ignitable Waste.
RCRA Hazard Class (diluted product): Not Regulated.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: UN3085 OXIDIZING SOLID, CORROSIVE, N.O.S.,(Trichloromelamine) 5.1, 8, III

IMDG (Ocean) Bill of Lading Description: UN3085 OXIDIZING SOLID, CORROSIVE, N.O.S.,(Trichloromelamine) 5.1, 8, III

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA All components are listed or otherwise exempt

U.S. Regulations

EPA Reg. No. : 70627-26

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear safety glasses or face shield, protective clothing, and rubber gloves. Do not breathe dust. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium dodecylbenzene sulfonate	25155-30-0	5 - 10%	1000		

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3
Flammability 0
Instability 0
Special Hazards Oxy

Diluted Product:

Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2021-01-20
Version: 02.0

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: • Does not contain an added fragrance

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