

SAFETY DATA SHEET


CYCLE-BOWL™

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Trade Name (As Labeled): CYCLE-BOWL™
 Product Code: C-15
 Product Use: Toilet Bowl Cleaner
 Synonyms: CYCLE C-15
 Manufacturer: The Clean Environment Company
 Mailing Address: PO Box 489, Brooklyn, IA 52211
 Company Website: <http://www.cleanevironmentco.com>
 Emergency Phone Number: For First Aid Emergencies, call Poison Control Center at 1-800-222-1222
 Information Phone Number: 844-606-9558 9 a.m. to 5 p.m. CT Mon - Fri except holidays
 Prepared By: The Clean Environment Company
 Company Contact: SDS Coordinator
 Issue Date: Jan. 1, 2016
 Revision: 02
 Revision Date: May 25, 2017

SECTION 2 HAZARDS IDENTIFICATION

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal Personal Protection Index: See Section 16	HEALTH	3
	FLAMMABILITY	0
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	D

Hazards Classification			
U.S.A.	This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Global Harmonization System			
Hazard Statements	Category	Signal Word	Pictogram
Causes severe skin burns and eye damage.	Skin Corrosion/Irritation, Category 1 Eye Damage/Irritation, Category 1	DANGER	
Precautionary Statements			
Prevention	Wash hands and any contacted skin (or hair) thoroughly after handling. Wear protective gloves such as rubber gloves, eye protection such as safety glasses with side shields or a full face shield. Wear protective clothing such as liquid resistant sleeves and apron.		
Response	IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Refer to Section 4 FIRST AID MEASURES, for additional information. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with plenty of water or shower. Wash contaminated clothing before reuse. 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.		
Storage	Store locked up.		
Disposal	Dispose of contents and container in accordance with local, state, and federal regulations.		
Hazards Not Otherwise Classified (HNOC)	None known		
Percent Ingredients With Unknown Acute Toxicity	Up to 1.06 % of product contains ingredients of unknown acute oral toxicity. Refer to Section 3.		

SAFETY DATA SHEET

CYCLE-BOWL™

SECTION 3 COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	% by wt. ¹	LD50, Rat
Aqua (Water)	7732-18-5	65 - 75	Not applicable.
Hydrochloric Acid, Inhibited	7647-01-0	8.5 - 11	700 mg/kg
Ethoxylated Alcohol Surfactant	Proprietary	0.5 - 1.5	1378 mg/kg
Xantham Gum	11138-66-2	0.5 - 1.5	45000 mg/kg
Cherry Fragrance	Proprietary	≤ 1.0	Not available.
Acid Red 27 Dye	915-67-3	≤ 0.06	Not available.
+ Acid Violet 12 Dye	6625-46-3		Not available.

¹Where ranges are shown, the exact concentration has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Eyes:	Immediately flush with water for 15 minutes. If contacts are present, remove after first 5 minutes of flushing and continue flushing for 15 minutes. If irritation persists, have eyes examined and treated by medical personnel.
Skin:	If irritation occurs, wash thoroughly with soap and water. Call a physician if irritation persists.
Inhalation:	Not a likely route of entry.
Ingestion:	NEVER give anything by mouth if victim is unconscious. Have victim drink water to dilute. Do not induce vomiting unless advised by a physician or poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call Poison Control at 1-800-222-1222.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point:	Not available.
Extinguishing Media:	As appropriate for surrounding fire. Use dry chemical, CO ₂ , water, or foam extinguisher.
Special Fire Fighting Procedures:	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.
Unusual Fire and Explosion Hazards:	None known.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Precautions for Responders	
Industrial & Household Setting	Wear appropriate Personal Protective Equipment. See Sec. 8
Spill Containment and Clean-up	
Industrial Setting	Before attempting containment and cleanup, refer to hazard data given. Wet product may be a slip hazard. Stop spill or release at source and contain material. Any disposal practice must be in compliance with local, state, and federal regulations.
Consumer / Household Setting	Small spills can be picked up with absorbent media such as paper towels and collected in suitable container for disposal in household trash. Spill area should be thoroughly washed with water. Recovered liquid can be diluted with water and disposed of in sanitary sewer.

SAFETY DATA SHEET

CYCLE-BOWL™

SECTION 7 HANDLING AND STORAGE

Handling	
Industrial Setting	Wear appropriate Personal Protective Equipment (see Section 8).
Consumer / Household Setting	Use as directed on product label.
Storage	Store in original, labeled container and keep locked up. Keep container closed when not in use. Should be stored between 40° and 100°F in order to insure long life of product.
Other	KEEP OUT OF REACH OF CHILDREN AND PETS.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	HYDROCHLORIC ACID: ACGIH permissible concentration 2 ppm
Engineering Controls	Not applicable
Personal Protective Equipment (PPE)	
Industrial Setting	
Eye Protection	Safety glasses or goggles may be worn for protection.
Skin Protection	Rubber gloves may be worn for protection.
Respiratory Protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Consumer / Household Setting	None needed if product is used as directed.
Other Measures	Handle in accordance with good industrial hygiene and safety practices.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid, viscous
Color	Red
Clarity	Cloudy
Odor	Cherry
Odor Threshold	Not available.
pH	0.1
Melting Point	Not available.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available.
Evaporation Rate	Not available.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Relative Density (H ₂ O = 1)	1.046
Vapor Density (Air = 1)	Not available.
Solubility in Water	Miscible
Partition Coefficient: n-octonal/water	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.

SAFETY DATA SHEET

CYCLE-BOWL™

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical Stability	Stable
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	None known.
Incompatible Materials	
Industrial Setting	Bases, oxidizing agents.
Consumer / Household Setting	Cleaning products should not be mixed with other household chemicals, unless specifically stated in the directions for use.
Hazardous Decomposition Products	None known.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Routes of Exposure	Eyes, Skin, Ingestion
Effects of Acute Exposure	
Oral Toxicity	No data available.
Dermal Toxicity	No data available.
Inhalation Toxicity	No data available.
Eye Contact	May cause irreversible eye damage.
Skin Contact	Extremely corrosive and destructive to tissue.
Component Information	Refer to Section 3 for ingredient LD50 (acute oral toxicity).
Effects of Chronic Exposure	No data available.
Sensitization	Not expected to be a sensitizer, based on literature of products containing similar ingredients.
Carcinogenicity	No data available..
NTP	No ingredients listed.
IARC	No ingredients listed.
OSHA	No ingredients listed.
Reproductive Effects	No data available.
Teratogenicity	No data available.
Mutagenicity	No data available.
Target Organ Effects	No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Environmental Fate	No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of in accordance with federal, state, and local regulations. It is the responsibility of the end-user to determine at the time of disposal of the product.
Industrial Setting	This product should not be allowed to enter storm drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with all local, state and federal regulations.
Consumer / Household Setting	Residue remaining in container may be rinsed thoroughly with water and discarded in trash. Quantities greater than residue should be diluted with plenty of water and disposed via sanitary sewer.
EPA Hazardous Waste Number:	None.
EPA Hazard Waste Class:	None.
Empty Containers	Rinse thoroughly with water into sanitary sewer and discard container in trash.



SAFETY DATA SHEET

SECTION 14 TRANSPORT INFORMATION

U.S. DOT (49 CFR) Surface Transport	NA1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II
IATA (Air Transport)	UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II
IMDG (Marine Transport)	UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II

SECTION 15 REGULATORY INFORMATION

TSCA	This product is exempt from the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).
SARA 313	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.
Clean Air Act, Sec. 112	This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.
Clean Water Act 311	This product contains a substance regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42): HYDROCHLORIC ACID, Reportable Quantity 5,000 Lbs.
California Proposition 65	This product is not subject to warning labeling under California Proposition 65.

SECTION 16 OTHER INFORMATION

ABBREVIATIONS

~	Approximately
<	Less than
>	Greater than
≤	Less than or equal to
CERCLA	The Comprehensive Environmental Response, Compensation, and Liability Act
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Information System
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
NA	Not Applicable
NDA	No Data Available
NFPA	National Fire Protection Association
NI	Not Indicated
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PPE	Personal Protection Equipment
SARA	Superfund Amendments and Reauthorization Act of 1986
SDS	Safety Data Sheet
TSCA	Toxic Substances Control Act



SAFETY DATA SHEET

SECTION 16 (continued)

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

SDS Prepared By	The Clean Environment Co.
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Revision Note(s)	Revised format per 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Disclaimer:

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End of Safety Data Sheet