Clean Republic Multi-Purpose Disinfectant
Safety Data Sheet

Issue Date: 12-Dec-2020
Revision Date: 1 2 / 1 7 / 2 0 2 1
Version 1.1

1. PRODUCT IDENTITY

Product Identifier

Product Name	Clean Republic Multi=Purpose Disinfectant
Product Type	Aqueous Dilute mixed reductants
Common Name	Electrochemically activated water containing 0.046% HOCL

Other means of identification

SDS #	Clean Republic Multi-Surface Disinfectant
EPA REG. NO.	96503-1-103745
EPA EST. NO.	103745-GA-1
Container sizes	4 Oz, 8 Oz, 12 Oz., 1 gal, 2.5-gal, 55-gal, 265-gal, 550-gal 32 oz. & bulk

UPC Code

Synonyms	Disinfectant, Sanitizer

Recommended use of the chemical and restrictions on use

Recommended Use	Disinfecting Non-Porous Hard Surfaces and Sanitizing

Details of the supplier of the safety data sheet

Supplier Address
Good Salt Life
125 Old Monroe Road
Athens, GA 30606

Emergency Telephone Number

COMPANY PHONE NUMBER	1-888-261-9127
EMERGENCY TELEPHONE (24 HR)	1-888-433-8415

2. HAZARDS IDENTIFICATION

Appearance Clear Liquid **Physical State** Liquid **Odor** Faint chlorine ozone

Classification

This product does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS-No	EINECS-NO	Wt/Vol (%)
Water			99.700
Sodium chloride	7647-14-5	231-598-3	0.046
After activation			<170ppm (0.017%)
Na^+ as NaOH			<230ppm (0.023%)
Na^+ as NaCl			<630ppm (0.063%)
H_2			4ml/L
HO_2			<3ppm (0.0003%)

4. FIRST AID MEASURES

First Aid Measures

Eye Contact If irritation occurs, flush eyes with water.
Skin Contact If irritation occurs, wash affected area with water.
Inhalation If breathing problems develop, move away from product and into fresh air.
Ingestion Drink an 8 oz. glass of water.

Most important symptoms and effects

Symptoms Under normal use conditions the likelihood of any adverse health effect is low.
Inhalation of product vapors or fumes is the most common route of exposure in occupational settings.

Indication of any immediate medical attention and special treatment needed

Notes to Physician None Applicable but treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Product is not flammable or explosive- not applicable.
Unsuitable Extinguishing Media Product is not flammable or explosive- not applicable.
Specific Hazards Arising from the Chemical Not Determined
Protective equipment and precautions for firefighters None needed as product is not flammable or explosive.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions No personal protective equipment is required under normal conditions.

Methods and material for containment and cleaning up

Methods for Containment and Methods for Clean-up Product is ≤0.9% sodium chloride (salt) solution and ≤0.05% free available chlorine. Some localities allow such concentrations to be sent to open storm sewers. However, local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodium thiosulfate.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling concentrated product:	None
Handling or applying diluted product:	None
Leaks and Spills:	Leaks and spills can be removed by ordinary water.
Waste disposal:	Can be disposed of in municipal drains without adverse effects after use. Local environmental regulatory requirements should be followed.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials	Acids and Hydrogen Peroxide

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.

Appropriated engineering controls

Engineering Controls Under normal conditions, none is required. Provide general and/or local exhaust ventilation to maintain a comfortable environment during showers, and at eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Under normal conditions, not required.
Skin and Body Protection	None required under normal use.
Respiratory Protection	Not required under normal use conditions.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Homogeneous clear, Liquid	**Odor**	Faint chlorine ozone odor
Color	Clear	**Odor Threshold**	Not determined

Property	**Values**	**Remarks – Method**
pH	6.1 – 6.8	
Melting Point/Freezing Point	0° C / 32° F	
Boiling Point/Boiling Range	100° C / 212° F	
Flash Point	Non-flammable	
Evaporation Rate	0.3	Comparable to water
Flammability (Solid, Gas)	Liquid-Not applicable	
Upper Flammability Limits	Not Determined	
Lower Flammability Limit	Not Determined	
Vapor Pressure	Not Determined	
Vapor Density	Not Available	
Specific Gravity	1.02 - 1.06 g/ml	
Water Solubility	100% soluble	

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Property	Values	Remarks – Method
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not considered to be an explosive hazard	
Oxidizing Properties	Not determined	
Taste	Mild saline/soapy	

10. STABILITY AND REACTIVITY

Reactivity Reactive to acid products and hydrogen peroxide.

Chemical Stability Aqueous solution containing metastable reductants which lose activity immediately on encountering reactants or during approximately 24 hours in storage. No hazardous reactions known when used for its intended purposes.

Possibility of Hazardous Reactions

Hazardous Polymerization Will not undergo hazardous polymerization.

Conditions to Avoid accidental contact of product with acids and hydrogen peroxide.

Incompatible Materials Acids and Hydrogen Peroxide.

Hazardous Decomposition Products Deactivates to the quality of its starting source water plus its added Sodium Chloride of 3000ppm plus Sodium Hydroxide of 400ppm formed in process.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact Avoid contact with eyes.

Skin Contact Not expected to be a skin irritant during labeled use.

Inhalation If breathing problems develop, move away from product and into fresh air.

Ingestion Do not ingest.

COMPONENT INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5 > 99% Hypochlorous Acid 7790-92-3 < 0.05%	1.26- 2.0 g/kg (Rat) Note: Chlorine levels	1.26- 2.0 g/kg (Rat) Note: Chlorine levels	Not Applicable

Information on physical, chemical and toxicological effects

Symptoms Please see Section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
The product is not classified as environmentally hazardous.

COMPONENT INFORMATION

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Water 7732-18-5 > 99% Hypochlorous Acid 7790-92-3 < 0.05%	None	None	None	None

Persistence/Degradability Shelf life up to 24 hours if stored between 5 and 35oC
Bioaccumulation Not determined
Mobility Not determined
Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Product is ≤0.9% sodium chloride (salt) solution and ≤0.05% free available chlorine. Some localities allow such concentrations to be sent to open storm sewers. However, local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodiumthiosulfate.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulation.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories All ingredients are listed or exempt from listing on Chemical Substance Inventory.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemical and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material 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).

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 Code of Federal Regulations (CFR), Part 372.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations

This product follows all regulations as required by the states in which it is marketed

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations.

14. TRANSPORT INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	0	0	0	Not Determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Special Hazards**
	Not Determined	Not Determined	Not Determined	Not Determined

Issue Date: 27-May-2020

Revision Date: NA

Revision Note:

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text.