



Safety Data Sheet

Issue Date: 15-Feb-2016

Revision Date: 02-Apr-2020

Version 3

1. IDENTIFICATION

Product Identifier

Product Name Cleanworks Cleaning Management System 50 Food Service Sanitizer

Other means of identification

Product Code L50

Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant.

Details of the supplier of the safety data sheet

Supplier Address

CarrollCLEAN, LLC
2900 W. Kingsley Road
Garland, TX 75041

Emergency Telephone Number

Company Phone Number 1-800-527-5722
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Color: Clear, Colorless

Physical State: Liquid

Odor: Quat

Classification

Serious eye damage/eye irritation	Category 1
Skin corrosion/irritation	Category 1B
Acute toxicity (oral)	Category 4
Acute toxicity (dermal)	Category 4

Signal Word

DANGER

Hazard Statements

Causes severe skin burns and eye damage, Harmful if swallowed, Harmful in contact with skin



Precautionary Statements - Prevention

Do not get in eyes, on skin, or on clothing. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and eye, face and foot protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	GHS Classification	Weight-%
Alkyl (C12-18)dimethylbenzyl ammonium chloride	6839-01-5	Serious eye damage/eye irritation: Category 1, Skin corrosion/irritation: Category1B, Acute toxicity (oral): Category3, Acute toxicity (dermal): Category3; H301, H314,H318	>=10.0-<=10.5
Alkyl (C12-14)dimethylbenzyl ammonium chloride	85409-23-0		
Other Components		Not Classified	Balance

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. If irritation persists, seek medical attention.
Inhalation	Remove to fresh air. Get medical attention if symptoms persist.
Ingestion	Give large volumes of water. Do not induce vomiting. Get medical attention.

Most important symptoms and effects

Symptoms Not determined.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point and Method: None

Suitable Extinguishing Media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Container may rupture on heating
On combustion or on thermal decomposition, may include carbon oxides, nitrogen oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protection recommended in Section 8.
- Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
Contain and collect with vermiculite, fuller's earth, or sand. Shovel up and place into an appropriate container for disposal
- Methods for Clean-Up** Wash non-recoverable remainder with water. Contain and collect with vermiculite, fuller's earth or sand. Shovel up and place into an appropriate container for disposal. Spill area may be slippery.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Wear appropriate equipment including chemical resistant gloves, chemical splash goggles and protective footwear. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use only with adequate ventilation. Do not destroy or deface the label.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Opened containers must be carefully resealed and kept upright to prevent any leakage. Do not contaminate food or feed.
- Incompatible Materials** See section 10: for the list of incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	Value	Control parameters	Basis
Not reportable			

Appropriate engineering controls

- Engineering Controls** Ensure adequate ventilation, especially in confined areas to control airborne levels.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Wear adequate chemical goggles
- Skin and Body Protection** Wear long chemical resistant gloves. Wear footwear that protects against chemicals and impermeable clothing.
- Respiratory Protection** If mist is generated; wear a NIOSH/MSHA approved respirator selected by a qualified individual for the specific work conditions.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not use/store or

consume food, beverages, tobacco products where this material is stored. Wash hands and face immediately after using this material.

Protective measures: Ensure eyewash stations and safety showers are close to the workstation; also that emergency equipment is immediately accessible with instructions for use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Quat
Color	Clear, Colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6-8		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	>100°C		
Flash Point	Does not flash		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not applicable		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Density	1.00 g/ml, 8.3lbs/gal (25°C)		
Water Solubility	Soluble		
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 determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity
Not determined

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
Not determined

Conditions to Avoid
Not determined

Incompatible Materials
Anionicsurfactants

Hazardous Decomposition Products
Oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Can cause severe skin burns and serious eye damage. Harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested. May cause burns on the lips, oral cavity, upper airway, esophagus and possible digestive tract. Vapors and spray mist may produce irritation in throat and respiratory system and cause coughing.

Eye Contact	Cause serious eye damage. Symptoms include pain, burning sensation, redness, watering, blurry vision or loss of vision.
Skin Contact	Cause severe burns. Symptoms include burns, blisters, redness and pain.
Inhalation	Cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms include coughing and difficulty breathing.
Ingestion	Harmful if swallowed. Cause burns, serious damage to mouth, throat and stomach. Symptoms include vomiting, nausea, and/or feeling general unwellness.

Information on physical, chemical and toxicological effects

Acute toxicity

Acute Oral:	LD50>2,500 mg/kg
Acute Dermal:	LD50>2,000 mg/kg
Acute Inhalation:	Not determined
Acute Toxicity (other):	Not determined

Skin corrosion/irritation

Skin irritation: Corrosive. Causes severe burns

Serious eye damage/eye irritation

Eye irritation: Corrosive. Causes serious eye damage

Respiratory or Skin sensitization

Sensitization: Not classified as sensitizing by skin contact

Mutagenicity

Genotoxicity invitro:	Not determined
Genotoxicity invivo:	Not determined

Carcinogenicity

Carcinogenicity: This material does not contain any ingredient designated as probable or suspected human carcinogens by IARC, ACGIH

Toxicity for reproduction and development

Toxicity to reproduction/fertility:	Not determined
Development toxicity/teratogenicity:	Not determined

Specific Target Organ Toxicity (STOT)

STOT-single exposure:	Not determined
STOT – repeated exposure:	Not determined

Aspiration toxicity

Aspiration toxicity: Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic toxicity: Toxic to aquatic life

Persistence/Degradability

Biodegradation: Not determined

Bioaccumulation

Partition coefficient: n-octanol/water: Bioaccumulation to Not be expected (logPow<=4)
Bioconcentration factor (BCF): Not determined

Mobility

Known distribution to Environmental compartments: Not determined

Results of PBT and vPvB assessment

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging All residues is to be removed when emptying. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Quantities less than 1.3 gallons qualify for Limited Quantity exception.

DOT

UN/ID NO UN1903
 Proper Shipping Name Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
 Hazard Class 8
 Packing Group III

IATA

UN/ID No UN1903
 Proper Shipping Name Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
 Hazard Class 8
 Packing Group III

IMDG

UN/ID No UN1903
 Proper Shipping Name Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
 Hazard Class 8
 Packing Group III
 Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

Notification Status: Not applicable
 OSHA Hazard Communication Standard (26 CFR 1910.1200: Hazardous

CERCLA (RQ)

Ingredient(s)	CAS#	Weight	CERCLA RQ	Section 302 TPQ
Not Listed				

SARA/EPCRA Extremely Hazardous Substances (302/304)

Ingredient(s)	CAS#	Weight	RQ	TPQ

Not Listed				
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SARA Hazard Categories (311/312)

FIRE	Reactive	Acute health hazard	Chronic health hazard
No	No	Yes	No

SARA Toxic Substances (313) The following components are subjects to SARA 313 reporting requirements

Ingredient(s)	CAS#	Weight
Not listed		

CAA (311) Volatile Organic compounds

Ingredient(s)	CAS#	Weight
Not listed		

16. OTHER INFORMATION

NFPA Health Hazards

3 high

HMIS Health Hazards

3 high

HMIS PPE: B

Flammability	Instability	Special Hazards
0 insignificant	0 insignificant	Not determined
Flammability	Reactivity	Personal Protection
0 insignificant	0 insignificant	Not determined

(B= Safety glasses, Gloves)

Issue Date: 15-Feb-2016
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Revision Note: New Company Name

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 materials or in any process, unless specified in the text.

End of Safety Data Sheet