

SAFETY DATA SHEET
**First Street Lemon Clean Disinfectant Virucidal
Cleaner**

Page: 1
Printed: 05/30/2018
Revision: 05/29/2018

1. Product and Company Identification

Product Code: 79833
Product Name: First Street Lemon Clean Disinfectant Virucidal Cleaner
Company Name: Smart and Final
600 Citadel Drive
Commerce, CA 90040

Emergency Contact: infotrac (805)355-5053
Information: www.smartandfinal.com (323)869-7500

Recommended Use: Cleaner/Disinfectant
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 5
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 1C
Aquatic Toxicity (Acute), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: May be harmful if swallowed.
Harmful in contact with skin.
Causes severe skin burns and eye damage.
Toxic to aquatic life.

GHS Precaution Phrases: Keep out of reach of children.
Wear protective gloves, protective clothing, eye protection, face protection.
Take off contaminated clothing and wash it before reuse.
Do not breathe dust, fumes, mist, vapors, spray.
Wash hands thoroughly after handling.
Avoid release to the environment.

GHS Response Phrases: If on skin (or in hair): Wash with plenty of soap and water.
If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
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.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call a POISON CENTER or doctor/physician.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations.
Store locked up.

SAFETY DATA SHEET
First Street Lemon Clean Disinfectant Virucidal
Cleaner

Page: 2
Printed: 05/30/2018
Revision: 05/29/2018

Potential Health Effects
(Acute and Chronic):

Inhalation: May cause severe irritation of the respiratory tract with possible burns.
Skin Contact: Causes skin burns. May be harmful if absorbed through the skin.
Eye Contact: Causes eye burns.
Ingestion: Harmful if swallowed. May cause severe and permanent damage to the digestive tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Proprietary
68424-95-3	Octyl decyl dimethyl ammonium chloride	Proprietary
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	Proprietary
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	Proprietary

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed.

In Case of Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Note to Physician: Show this safety data sheet to the doctor in attendance. Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.

Autoignition Pt: NE

Suitable Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards: No data available.

SAFETY DATA SHEET
First Street Lemon Clean Disinfectant Virucidal
Cleaner

Page: 3
Printed: 05/30/2018
Revision: 05/29/2018

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Do not ingest or inhale.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No data.	No data.	No data.
68424-95-3	Octyl decyl dimethyl ammonium chloride	No data.	No data.	No data.
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	No data.	No data.	No data.
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Yellow color liquid with citrus odor.

Melting Point: NE

Boiling Point: ~ 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NE

Flash Pt: NE

Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.

Specific Gravity (Water = 1): ~ 1.005

Density: ~ 8.38 lbs/gal

SAFETY DATA SHEET
First Street Lemon Clean Disinfectant Virucidal
Cleaner

Page: 4
 Printed: 05/30/2018
 Revision: 05/29/2018

Bulk density: NE
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: NP
pH: 6.0 - 8.0
Percent Volatile: No data.
VOC / Volume: < 6.0000 G/L
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Incompatible materials.
Incompatibility - Materials To Avoid: Strong reducing agents, acids, organic matter, cyanides (e.g. potassium cyanide, sodium cyanide), ammonium salts, cellulose, sodium thiosulfate, Acetanilide, chlorates, hypophosphites, and iodides. mercury salts, permanganates, sulfites, tannic acid.
Hazardous Decomposition Or Byproducts: Hydrogen chloride, chlorine, Carbon monoxide, Carbon dioxide, nitrogen oxides (NOx) and ammonia (NH3).
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
 Teratogenicity: No data available.
 Reproductive Effects: Neurotoxicity: Mutagenicity: Other Studies: No data available.
 CAS# 68424-85-1:
 Acute toxicity, LD50, Oral, Rat, 426.0 MG/KG.
 Results:
 Gastrointestinal:Hypermotility, diarrhea.
 - U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66, 1967

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	n.a.	n.a.	n.a.	n.a.
68424-95-3	Octyl decyl dimethy ammonium chloride	n.a.	n.a.	n.a.	n.a.
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	n.a.	n.a.	n.a.	n.a.
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	n.a.	n.a.	n.a.	n.a.

SAFETY DATA SHEET
First Street Lemon Clean Disinfectant Virucidal
Cleaner

Page: 5
Printed: 05/30/2018
Revision: 05/29/2018

12. Ecological Information

Results of PBT and vPvB assessment: No data available.
CAS# 68424-85-1:
LC50, Striped Bass (*Morone saxatilis*), fry, 14100. UG/L, 96 H, Mortality, Water temperature: 12.00 C C, Hardness: 40.00 MG/L.
Results:
No observed effect.
- Sensitivity of Juvenile Striped Bass to Chemicals Used in Aquaculture, Bills, T.D., L.L. Marking, and G.E. Howe, 1993

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NOT REGULATED FOR DOMESTIC TRANSPORT.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: No
68424-95-3	Octyl decyl dimethy ammonium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

SAFETY DATA SHEET
First Street Lemon Clean Disinfectant Virucidal
Cleaner

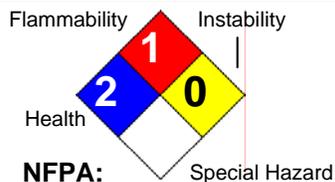
Page: 6
Printed: 05/30/2018
Revision: 05/29/2018

16. Other Information

Hazard Rating System:

HEALTH		2
FLAMMABILITY		1
PHYSICAL		0
PPE	C	

HMIS:



Revision Date:

05/29/2018

Additional Information About PPE C: safety glasses, gloves, apron.

This Product: EPA #1839-168.

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.