

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Lemon Disinfectant Neutral Cleaner
ITEM: 91101 – 91105 – 91130 – 91155 (PN 18080 - 18090)
PRODUCT USE: Disinfectant and Sanitizer Cleaner

DATE ISSUED :	10/17/2019
SDS REF. No :	911

MANUFACTURED FOR:
Blue Ribbon Supply Company
451 East Jamie Court
S San Francisco, CA 94080

24 HR. EMERGENCY TELEPHONE NUMBER:
INFOTRAC (US Transportation): (800) 535-5053
NON-EMERGENCY TELEPHONE NUMBER:
(909) 590-7234

E.P.A. REG. No.: 1839-168-70925

2. HAZARDS INGREDIENTS & IDENTIFICATION

GHS CLASSIFICATION:

Acute Toxicity - Oral: Category 5
Acute Toxicity - Skin: Category 4
Skin Corrosion/Irritation: Category 2
Aquatic Toxicity (Acute): Category 2

GHS LABEL ELEMENT



Signal Word

Hazard statements:

Warning
May be harmful if swallowed.
Harmful in contact with skin.
Causes skin irritation.
Toxic to aquatic life.

PRECAUTIONARY STATEMENTS

PREVENTION:

Wear protective gloves and eye/face protection as specified by the supplier or the competent authority.
Wash skin thoroughly after handling.
Avoid release in to the environment.

RESPONSE:

If swallowed: Immediately call a Poison Center or doctor.
If on skin (or in hair): Wash with plenty of soap and water.
If skin irritation occurs, get medical attention immediately.

STORAGE:

DISPOSAL METHOD:

EMPTY CONTAINER:

Store in a cool dry place at room temperature away from direct sunlight. Store in accordance with local regulations.
Dispose of in accordance with all Local, State and Federal regulations.
Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

Potential Health Effects (Acute and Chronic)

Inhalation:

Skin Contact:

Eye Contact:

Ingestion:

Slight irritation, headache, dizziness, nausea.
Slight irritation and can cause corrosion to skin.
Corrosive to eyes and may cause severe damage including blindness.
May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration / Weight %
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	N/A
Octyl decyl dimethyl ammonium chloride	68424-95-3	N/A
1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	5538-94-3	N/A
1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	7173-51-5	N/A

4. HEALTH HAZARD DATA & FIRST AID MEASURES

Emergency and First Aid Procedures:

IN CASE OF EYES :

IN CASE OF SKIN :

Flush eyes with water for 15 minutes. Get medical attention.
Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

IN CASE OF INGESTION :
IN CASE OF INHALATION :
NOTES TO PHYSICIAN:

If conscious and alert, rinse mouth and drink 2-4 cups of milk or water. Get medical aid immediately.
 If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
 Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.
UNSUITABLE EXTENUISHING MEDIA: None Known
SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.
HAZARDOUS COMBUSTION PRODUCTS: None Know
FIRE FIGHTING EQUIPMENT : Avoid breathing of vapors. Apply water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
SPECIAL EXTINGUISHING: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
OTHER CONSIDERATIONS : If material is released, area will become slippery.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCDURES: Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.
WATER DISPOSAL METHOD: Dispose of according to local, state and federal regulations. Wear protective equipment as needed.
ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Wash hands thoroughly after handling. Use 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.
GENERAL PROCEDURES : Store in a tightly closed container. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals. Store away from excessive heat. Do not freeze. Keep away from food stuffs. Keep out of reach of children. Do not mix with other chemicals.
STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

OCCUPATIONAL EXPOSURE LIMITS:

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	NIOSH
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	No data	No data	No data
Octyl decyl dimethy ammonium chloride	68424-95-3	No data	No data	No data
1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	5538-94-3	No data	No data	No data
1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	7173-51-5	No data	No data	No data

OSHA TABLE COMMENTS: ND = No Data
ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Safety glasses.
HAND: Rubber gloves.
SKIN: Wear appropriate protective clothing to minimize contact with skin.
RESPIRATORY: Always use a NIOSH approved respirator when necessary.
WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.
OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Liquid
COLOR: Clear/Yellow
ODOR: Lemon
pH: 6-8
FLASH POINT: >=212°F
ODOR THRESHOLD: No Data Available
MELTING POINT/FREEZING POINT: No Data Available
BOILING POINT: >212°F
EVAPORATION RATE: (Water=1):>1 (slower than water)
FLAMMABILITY (SOLID, GAS): No Data Available
UPPER EXPLOSION LIMIT: No Data Available
SPECIFIC GRAVITY: (H₂O=1): 1.005
LOWER EXPLOSION LIMIT: No Data Available
VAPOR PRESSURE: No Data Available

RELATIVE VAPOR DENSITY: (Air=1):>1 (heavier than air)
 RELATIVE DENSITY: 8.38 lbs/gal
 WATER SOLUBILITY: 100%
 SOLUBILITY IN OTHER SOLVENTS: No Data Available
 PARTITION COEFFICIENT: N-OCTANOLI/WATER: No Data Available
 AUTOIGNITION TEMPERATURE: No Data Available
 THERMAL DECOMPOSITION: No Data Available
 VISCOSITY, KINEMATIC: No Data Available
 EXPLOSIVE PROPERTIES: No Data Available
 OXIDIZING PROPERTIES: No Data Available
 MOLECULAR WEIGHT: No Data Available
 VOC: <6.0000 G/L

10. STABILITY AND REACTIVITY

STABILITY : Stable
HAZARDOUS POLYMERIZATION : Will not occur
CONDITIONS TO AVOID : Incompatible materials
POLYMERIZATION : Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, chlorine, Carbon monoxide, Carbon dioxide, nitrogen oxides (NOx) and ammonia (NH3).
INCOMPATIBLE MATERIALS : 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.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No data available.
COMPONENT ACUTE TOXICITY INFORMATION

Chemical Name	CAS Number	NTP	IARC	ACGIH	OSHA
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	N/A	N/A	N/A	N/A
Octyl decyl dimethy ammonium chloride	68424-95-3	N/A	N/A	N/A	N/A
1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	5538-94-3	N/A	N/A	N/A	N/A
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12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.
RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)

LAND TRANSPORT:
 Not dangerous goods

SEA TRANSPORT (IMDG/IMO):
 Not dangerous goods

AIR TRANSPORT (IATA):
 Not dangerous goods

15. REGULATORY INFORMATION

**EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
 CERCLA REPORTABLE QUANTITY**

Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	N/A	N/A
Octyl decyl dimethy ammonium chloride	68424-95-3	N/A	N/A
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UNITED STATES:

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)
 All Chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
 SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:**

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Acute Health Hazard

SARA 302:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CALIFORNIA PROP 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

NFPA	Health Hazards: 2	Flammability: 1	Instability: 0	Special: N/A
HMIS	Health Hazards: 2	Flammability: 1	Physical Hazards: 0	PPE: C

Additional Information About PPE C: Safety glasses, gloves, apron

Revision Date:

09-30-2015

Reasons For Revision:

No Information Available

MANUFACTURER DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

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