

1. Product and Company Identification

Product Code:	01152	
Product Name:	Germicidal Cleaner 1 oz.	
Company Name:	Genlabs	Phone Number:
	5568 Schaefer Ave.	1 (909)591-8451
	Chino, CA 91710	
Web site address:	www.genlabscorp.com	
Emergency Contact:	Chemtrec	1 (800)424-9300
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 2
Aquatic Toxicity (Acute), Category 2



GHS Signal Word:	Warning
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:	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:	Call a POISON CENTER/doctor/... if you feel unwell. If on skin (or in hair): Wash with plenty of soap and water. Specific treatment see ... on this label. 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. 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.



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Potential Health Effects (Acute and Chronic):

Chronic: May cause reproductive and fetal effects. Laboratory experiments have shown mutagenic effects. Animal studies have reported the development of tumors. Prolonged exposure may cause liver, kidney, and heart damage.

Inhalation:

May cause severe irritation of the respiratory tract with possible burns. Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation.

Skin Contact:

Causes skin burns. May be harmful if absorbed through the skin. Causes moderate skin irritation. May cause cyanosis of the extremities.

Eye Contact:

Causes eye burns. Causes severe eye irritation. May cause painful sensitization to light. May cause chemical conjunctivitis and corneal damage.

Ingestion:

Harmful if swallowed. May cause severe and permanent damage to the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause systemic toxicity with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

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
64-17-5	Ethyl alcohol	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. Gently lift eyelids and flush continuously with water.

In Case of Ingestion:

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.

5. Fire Fighting Measures

Flash Pt:	NE	Method Used:	Estimate
Explosive Limits:	LEL: N/A	UEL:	N/A
Autoignition Pt:	NE		
Suitable Extinguishing Media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers.		
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.		

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. Remove all sources of ignition. Use a spark-proof tool. A vapor suppressing foam may be used to reduce vapors.
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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. Discard contaminated shoes. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
Precautions To Be Taken in Storing:	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks and flame. Keep away from sources of ignition. Keep from contact with oxidizing materials. Flammables-area. Do not store near perchlorates, peroxides, chromic acid or nitric acid.

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.
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	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.



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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 explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Blue color liquid with pleasant fragrance.
Melting Point:	NE
Boiling Point:	>= 212.00 F
Decomposition Temperature:	NE
Autoignition Pt:	NE
Flash Pt:	NE Method Used: Estimate
Explosive Limits:	LEL: N/A UEL: N/A
Specific Gravity (Water = 1):	~ 1.011
Density:	~ 8.43 LB/GA
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:	~ 6.00 - 8.00
Percent Volatile:	No data.
VOC / Volume:	25.2000 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, ignition sources, Excess heat.
Incompatibility - Materials To Avoid:	Strong oxidizers, strong alkali materials, aluminum and soft metals. Organic materials, excessive heat, soft metals and reducing agents.
Hazardous Decomposition Or Byproducts:	Hydrogen chloride, chlorine, Carbon monoxide, Carbon dioxide, nitrogen oxides (NOx) and ammonia (NH3). irritating and toxic fumes and gases.
Possibility of Hazardous	Will occur [] Will not occur [X]



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Reactions:

Conditions To Avoid - No data available.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Neurotoxicity: Mutagenicity: Other Studies: No data available.

Carcinogenicity/Other Information: CAS# 64-17-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

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 dimethyl ammonium chloride	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol	n.a.	1	A4	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.

12. Ecological Information

General Ecological Information: Environmental: When released to the atmosphere it will photodegrade in hours (polluted urban atmosphere) to an estimated range of 4 to 6 days in less polluted areas. Rainout should be significant.
Physical: No information available.

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.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

UN Number:

Hazard Class:

Packing Group:

Marine Pollutant:

No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

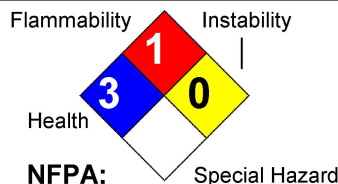
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	CA PROP.65: No; CA TAC, Title 8: No
68424-95-3	Octyl decyl dimethy ammonium chloride	CA PROP.65: No; CA TAC, Title 8: No
64-17-5	Ethyl alcohol	CA PROP.65: No; CA TAC, Title 8: Title 8
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	CA PROP.65: No; CA TAC, Title 8: No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

Hazard Rating System:

HEALTH	3
FLAMMABILITY	1
PHYSICAL	0
PPE	C

HMIS:



Revision Date:

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Additional Information About This Product:

PPE C: safety glasses, gloves, apron.
 EPA #1839-166.

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.