

SAFETY DATA SHEET

LOBACTEN SANITIZER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

MANUFACTURER: Griffin Bros., Inc.
P.O. Box 7719
Salem, Oregon 97303

INFORMATION PHONE: (503) 540-7886

EMERGENCY PHONE: CHEMTREC: 1-(800) 424-9300

PRODUCT NAME: Lobacten Sanitizer

PRODUCT NUMBER: G-148

DATE PREPARED: 1998

LAST REVISION: 05/21/2015

EPA Registered: CA, ID, OR, WA,
EPA REG. # 1839-86-1770
EPA EST. NO. 1770-OR-1

USES: Used in restaurants for sanitizing hand washed dishes and in food processing plants for sanitizing all food contact equipment, and surfaces.

PURE: **LIQUID:**
MIXTURE: **SOLID:**

2. HAZARDOUS IDENTIFICATION:

EMERGENCY OVERVIEW: DANGER, CORROSIVE. HAZARDS TO HUMANS AND DOMESTIC ANIMALS

GHS Label elements, including precautionary statements: This product is a U.S. EPA registered pesticide, and as such, the label elements are controlled and registered with the EPA.

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or faceshield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth,

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Weight %
ETHANOL		64175 1.17
Alkyl(60%C14, 30%C16, 5%C12, 5%C18 Dimethyl benzyl ammonium chlorides	0	5
Alkyl (68%C12, 32%C14) dimethyl ethyl benzyl Ammonium chlorides	0	5

4. FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Remove Contacts if applicable. Hold eyelids open while flushing the eyes. Get medical attention if condition persists.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

INGESTION: Call a physician or poison control center immediately. Rinse mouth thoroughly. Do not induce vomiting.

SKIN CONTACT: Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.

AGGRAVATED MEDICAL CONDITIONS: N/A

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

COMBUSTION PRODUCTS: N/A

6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

DO NOT ALLOW DISCHARGE INTO THE ENVIRONMENT. Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. **Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. HANDLING AND STORAGE:**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in properly labeled containers.**OTHER PRECAUTIONS:** For industrial and institutional use only. Keep away from children. Keep containers closed while not in use.**8. EXPOSURE CONTROL/PERSONAL PROTECTION:****EXPOSURE CONTROLS:**

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
ETHANOL	1000ppm	n/a	1000ppm	n/a
Alkyl(60%C14, 30%C16, 5%C12, 5%C18 Dimethyl benzyl ammonium chlorides	n/a	n/a	n/a	n/a
Alkyl (68%C12, 32%C14) dimethyl ethyl benzyl Ammonium chlorides	n/a	n/a	n/a	n/a

PERSONAL PROTECTIVE EQUIPMENT**RESPIRATORY PROTECTION:** Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.**WORK / HYGENIC PRACTICES:** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.**PROTECTIVE GLOVES:** Rubber or other impervious material with gauntlets. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.**ENGINEERING CONTROLS:** Use general ventilation.**EYE PROTECTION:** Use chemical safety goggles and/or full face shield where splashing is possible.**9. PHYSICAL AND CHEMICAL PROPERTIES:****INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

a) Appearance: clear liquid.	k) Vapor pressure (mm/hg): No data available
b) Odor: Faint odor	l) Vapor density (Air = 1): No data available
d) pH: 8.6 +/- 0.1	m) Relative density (Specific Gravity): 1.01
e) Melting point/freezing point: No data available	n) Water solubility: 100% Complete
f) Initial boiling point and boiling range: 212°F	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity: No data available
h) Evaporation rate: No data available	-) Pounds Per Gallon: 8.3
j) Upper/lower flammability or explosive limits: UEL: n/a LEL: n/a	OTHER: No other data is available for this product. . . .

10. STABILITY AND REACTIVITY:**STABLE:** Stable**INCOMPATIBILITY:** Strong oxidizing agents. Anionic Surfactants typically found in cleaning agents, (such as *Griffin's JOLT*).**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.**HAZARDOUS POLYMERIZATION:** Will Not Occur**CONDITIONS TO AVOID:** None known**11. TOXICOLOGICAL INFORMATION:** None of the components of this product are listed as carcinogens. No other data available.**12. ECOLOGICAL INFORMATION:** Very toxic to aquatic life with long lasting effects. Readily biodegradable. No additional data available.**13. DISPOSAL CONSIDERATIONS:** This product is a U.S. EPA registered pesticide.**PESTICIDE DISPOSAL:** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.**CONTAINER DISPOSAL:** - Nonrefillable Container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse empty container with water. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.**14. TRANSPORT INFORMATION:**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1760	Corrosive Liquid, N.O.S. (Quaternary Ammonium Oxide)	8	III

GUIDE NUMBER: 154 **ADDITIONAL:** (Per: CFR 49 173.154) **CONSUMER COMMODITY ORM-D** (for sizes 1 gallon or less)**15. REGULATORY INFORMATION:** This product is a U.S. EPA registered pesticide.**16. OTHER INFORMATION:**

HMS INFORMATION: HEALTH: 1 **FLAMMABILITY:** 0 **PHYSICAL HAZARD:** 0 **PROTECTIVE:** X
NFPA INFORMATION: TOXICITY: 1 **FIRE:** 0 **REACTIVITY:** 0

Griffin Bros., Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information appears to be accurate, Griffin Bros., Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Griffin Bros., Inc.'s control and therefore users are responsible to verify this data under their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.