

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Basic-G® Germicide

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name (Distributed by) Shaklee Corporation	Emergency Telephone Number (510) 780-5000
Address (Number, Street, City, State, and ZIP Code)  4747 Willow Road Pleasanton, CA 94588	Telephone Number for Information (925) 924-3000
	Date Prepared 1 January, 2002
	Signature of Preparer (optional)

**Section II-Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% (optional)
CAS# 7173-51-5      Didecyl-dimethylammonium chloride		N/A		
8001-54-5      n-Alkyl (C <sub>14</sub> 50% C <sub>12</sub> 40% C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride		N/A		
64-17-5      Ethanol		1000 ppm		
2605-78-9      Octyldimethyl amine oxide		N/A		
60-00-04      Ethylenediamine tetraacetic acid Sodium ethylenediamine tetraacetate		N/A		

**Section III - Physical/Chemical Characteristics**

Boiling Point  ~ 212° F	Specific Gravity (H <sub>2</sub> O = 1)  1.04	pH  7.5
Vapor Pressure (mm Hg.)  N/K	Melting Point  N/A	
Vapor Density (AIR = 1)  N/K	Evaporation Rate (Butyl Acetate = 1)  N/A	
Solubility in Water  Complete	Appearance and Odor  Clear green liquid. Pine-like detergent odor.	

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) > 200° F (Setaflash)	Flammable Limits Ethanol	LEL 3.3v	UEL 19v
Extinguishing Media  CO <sub>2</sub> , dry chemical, foam, water and fog.			
Special Fire Fighting Procedures  Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.			
Unusual Fire and Explosion Hazards  None known.			

(Reproduce locally)

OSHA 174, Sept 1985

### Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> )		Anionic surfactants will neutralize Quaternary.	
Hazardous Decomposition or Byproducts		None known.	
Hazardous Polymerization	May Occur	Conditions to Avoid	N/A
	Will Not Occur	X	

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Eyes?	Ingestion?
		X	X	X
Health Hazards ( <i>Acute and Chronic</i> ):				
Corrosive. Causes severe eye irritation. Skin exposure will cause irritation. Will cause severe gastrointestinal tract irritation if ingested.				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
	No	No	No	
Signs and Symptoms of Exposure: Contact with eyes or skin causes burns.				
Medical Conditions Generally Aggravated by Exposure				
Emergency and First Aid Procedures				
<b>For ingestion:</b> administer several glasses of water. Do not give liquid to an unconscious person. Consult physician immediately. <b>For eye contact:</b> flush with water (low pressure for 15 minutes). Get medical attention.				

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Flush with water. Avoid skin or eye contact.
Waste Disposal Method	Make sure all federal, state and local regulations are observed. Rinse before recycling bottle.
Precautions to Be Taken in Handling and Storing	Avoid skin and eye contact.
Other Precautions	

### Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )		Not required	
Ventilation	Local Exhaust	Not required	Special
	Mechanical (General)	Acceptable	Other
Protective Gloves	For normal use, none	Eye Protection	For normal use, none.
Other Protective Clothing or Equipment		Goggles, gloves for production or large quantity transfers.	
Work/Hygienic Practices		Wash hands after use.	