



## Safety Data Sheet

### Section 1. Identification

Product Identifier: ***Bacto***  
Recommended Use: Disinfectant and Food Contact Surface Sanitizer  
Manufacturer: ABC Corporation  
Company Address: 94-085 Leonui St.  
Waipahu, HI 96797  
Company Telephone: (808) 671-2671  
CHEMTREC Emergency Phone Number 1(800) 424-9300  
(24hr hotline)

### Section 2. Hazard(s) Identification

*Hazard classification:*

Health Hazards: Skin corrosion/irritation 1B  
Eye damage/irritation 1  
Acute toxicity (oral) (dermal) 3

*Label elements:*

Pictograms:



Hazard Statements: Harmful if swallowed.  
Harmful in contact with skin.  
Causes severe skin burns and eye damage.

Precautionary Statements

Prevention:

P262: Do not get in eyes, on skin or on clothing.  
P264: Wash exposed skin thoroughly after handling.  
P270: Do not eat, drink, or smoke when using this product.  
P280: Wear protective gloves and eye, face and foot protection.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P312: Call CHEMTREC or doctor if you feel unwell.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304+P340: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call CHEMTREC or doctor.

P405: Store locked up.

P501: Dispose of contents and container to an approved waste disposal plant.

Storage:  
Disposal:

### Section 3. Composition/Information on ingredients

<b>Name</b>	<b>CAS No.</b>	<b>%</b>	<b>GHS-US classification</b>
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	<5%	Serious eye damage/ eye irritation: Category 1, Skin corrosion/irritation: Category 1B, Acute toxicity (oral): Category 3, Acute toxicity (dermal): Category 3; H301, H314, H318
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	85409-23-0	<5%	

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### Section 4. First Aid Measures

General:	Show this Safety data sheet to medical personnel. Do not leave affected person unattended, isolate exposed apparel for laundry before reuse.
Inhalation:	Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin Contact:	Take off contaminated clothing and shoes immediately. Wash affected areas with plenty of water. Seek medical attention if irritation develops or persists.
Eye Contact:	Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.
Ingestion:	Do NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Rinse mouth with water. Seek medical attention.
Most Important symptoms/effects, acute and delayed:	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

## **Section 5. Firefighting measures**

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Extinguishing Media: This product is not flammable. Use media suitable for the material that is burning.

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture: Container may rupture on heating.

Fire Hazard: Product is not combustible.

Explosion Hazard: ND

Reactivity: ND

Instruction/Advice for Firefighters: Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Small fires: Move containers from fire area if you can do it without risk.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

## **Section 6. Accidental release measures**

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### *Personal Precautions, protective equipment and emergency procedures*

General Measures: Do not walk through spilled material. Wear appropriate personal protective equipment. Avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate the area before entry.

### *For non-emergency personnel*

Protective Equipment: Use appropriate PPE

Emergency procedures: Evacuate unnecessary personnel. Isolate area.

### *For Emergency responders*

Protective Equipment: Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

Emergency procedures: Follow Standard Operating Procedures for facility where accidental release occurred.

Environmental Precautions: Prevent entry to sewers and public waters

Methods and material for containment and cleaning up:

Absorb and/or contain spill with inert material, then place in suitable container. Clean up spills immediately and dispose of waste safely and in accordance with state and federal regulations.

## Section 7. Handling and Storage

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### *Precautions for safe handling*

Additional hazards when processed: ND

Precautions for safe handling: Ensure sufficient supply of air. Avoid contact with eyes or skin. If applicable, caution - risk of slipping.

Hygiene Measures: Wear appropriate PPE.

### *Conditions for safe storage, including any incompatibilities*

Technical Measures: ND

Incompatible materials: ND

Storage area: Store in a cool dry place away from direct sunlight.

Special rules on packaging: ND

## Section 8. Exposure controls/personal protection

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<b>Control Parameters</b>			
<b>Name</b>	<b>ACGIH</b>	<b>NIOSH</b>	<b>OSHA</b>
Alkyl dimethyl benzyl ammonium chloride (C12-18)	Not determined	Not determined	Not determined
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	Not determined	Not determined	Not determined

*TWA - Time-Weighted Averages based on 8hr / day, 40hr / week exposure*

### *Exposure Controls*

Engineering Controls: Ensure adequate ventilation and good general extraction.

Personal Protective Equipment: Gloves, Goggles. When insufficient ventilation: wear respiratory protection.

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Chemical goggles or safety glasses

Skin and body protection: Always wear proper clothing and shoes when dispensing hazardous chemicals.

Respiratory protection: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air fed respirator complying with an approved standard if a risk assesment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other protective measures: ND

## Section 9. Physical and chemical properties

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### *Information on basic physical and chemical properties*

Physical State: Liquid

Appearance: Clear Colorless liquid

Color: Colorless

Odor:	Characteristic odor
Odor threshold:	ND
pH:	6-8
Melting point:	ND
Freezing point:	ND
Boiling point:	ND
Flash Point:	ND
Relative evaporation rate (butylacetate=1):	ND
Flammability:	ND
Explosive limits:	ND
Vapor Pressure:	ND
Vapor Density:	ND
Relative Density:	1.00 g/ml, 8.3 lbs/gal (25 degrees C)
Solubility:	Very soluble in water
Partition coefficient (n-octanol/water):	ND
Auto-ignition temperature:	ND
Decomposition Temperature:	ND
Viscosity:	ND

ND - Not Determined

## Section 10. Stability and Reactivity

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Reactivity:	Stable when handled and stored correctly.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	ND
Conditions to avoid:	ND
Incompatible Mateials:	ND
Hazardous Decomposition Products:	In fire the following can develop: Oxides of carbon, oxides of nitrogen.

## Section 11. Toxicological Information

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### *Acute toxicity and immediate effects*

Acute toxicity:	ND
Skin corrosion/irritation (acute):	May irritate skin.
Skin corrosion/irritation (Chronic):	May cause sensitization by skin contact (Benzalkonium Chloride)
Serious eye damage/irritation (acute):	May cause eye damage.
Serious eye damage/irritation (chronic):	May cause eye damage.
Respiratory corrosion/irritation (acute):	Respiratory irritant
Respiratory corrosion/irritation (chronic):	Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough.
Ingestion (acute):	May cause damage to mucous membranes.
Ingestion (chronic):	Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal disturbances.
Germ cell mutagenicity:	ND

Carcinogenicity:	Under ACGIH, IARC, NTP and OSHA, no ingredient in this product is present equal to or above 0.1 concentration that would be a confirmed, probable carcinogenic.
Reproductive Toxicity:	ND
Specific target organ toxicity (single exposure):	ND
Specific target organ toxicity (repeated exposure):	ND
Aspiration hazard:	ND
Symptoms/injuries after eye contact:	May cause serious eye damage.
Symptoms/injuries after ingestion:	Ingestion may cause nausea, vomiting and diarrhea.
Numerical measures of toxicity:	ND

ND - Not determined

### **Section 12. Ecological Information**

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Ecotoxicity:	Toxic to aquatic life.
Persistence and degradability:	ND
Bioaccumulative Potential:	ND
Mobility in soil:	ND
Other adverse effects:	ND

### **Section 13. Disposal Considerations**

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Waste disposal recommendations:	To be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/ international regulations.
Additional information:	Handle empty containers with care because residual material may be present.

### **Section 14. Transport Information**

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UN Number:	1903
DOT NA no:	N/A
UN Proper Shipping name:	Disinfectants, liquid corrosive, NOS (Quaternary Ammonium Compound)
Hazard Class:	8
Hazard Label:	Corrosive
Packing Group:	II
DOT packaging exceptions:	1 gallon bottle

### **Section 15. Regulatory Information**

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US Federal Regulations:	Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standards, this product contains materials that are considered hazardous. SARA Hazard Classifications - Acute
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This product is a U.S. EPA registered product.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Corrosive.

Harmful if swallowed, inhaled, or absorbed through the skin.

Causes irreversible eye damage and skin burns.

This product is toxic to fish and aquatic invertebrates.

Store only in original container.

Non-refillable container. Do not reuse or refill this container.

### **Section 16. Other Information**

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This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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