



# Safety Data Sheet

SHF411065

Issuing date 25-May-2012

Revision Date 18-Oct-2012

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Versatile Liquid Bacteriostatic Softener Commercial Fabric Softener/Sanitizer

**Swisher number** 41106-1

**Reference number** 41106-1 / 41106-5 / 41106-15 / 41106-55

**Distributor number** 71097CG1-4 71097CG5 71097CG15 71097CG55

**Recommended use** Liquid Bacteriostatic Softener Commercial Softener/ Sanitizer

### Distributor

Swisher Hygiene Inc.  
4725 Piedmont Row Drive,  
Suite 400,  
Charlotte, NC 28210

**Chemical Emergency Phone Number** 800-424-9300 (Chemtrec)

**Company Emergency Phone Number** 800-444-4138

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance** Thin Liquid

**Physical state** Liquid.

**Odor** Pleasant

### Potential Health Effects

#### Acute toxicity

**Eyes**

May cause severe eye irritation.

**Skin**

Irritating to skin

**Inhalation**

Irritating to respiratory system

**Ingestion**

Harmful if swallowed

#### **Chronic Effects**

No known effect based on information supplied

#### **Aggravated Medical Conditions**

None known.

#### **Environmental hazard**

See Section 12 for additional Ecological Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
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Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	< 4%
N-Alkyldimethylbenzyl ammonium chloride	8001-54-5	< 4%

#### 4. FIRST AID MEASURES

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin contact</b>	Flush with water. Remove contaminated clothing and do not re-wear until washed. If irritation persists, see a physician.
<b>Inhalation</b>	Do not breathe mists. If mists are formed, leave area and do not return until mists have dissipated. If irritation persists, see a physician.
<b>Ingestion</b>	Drink large amounts of water to dilute. Call a physician. Do not induce vomiting except on advice of a physician.
<b>Notes to physician</b>	Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable			
<b>Flash point</b>	Not determined. NA			
<b>Suitable Extinguishing Media</b>	Dry chemical Water spray Alcohol-resistant foam			
<b><u>Explosion Data</u></b>				
<b>Sensitivity to Mechanical Impact</b>	None.			
<b>Sensitivity to Static Discharge</b>	None.			
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear			
<b><u>NFPA</u></b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Stability</b> 0	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 2	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal protection</b> -

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation
<b>Environmental precautions</b>	Neutralization is normally necessary before waste water is discharged into water treatment plants.
<b>Methods for Containment</b>	Absorb spill with inert material, Shovel material into appropriate container for disposal. Flush with water to remove trace residue. Do not allow spilled material to enter public drainage systems or open watercourses.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Wash hands before eating. Keep container tightly closed when not in use.
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<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Guidelines</b>	Review Section 3 & 4 for Exposure Guidelines.
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<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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### **Personal Protective Equipment Institutional Environment**

<b>Eye/Face Protection</b>	Safety glasses are suggested when using this product in heavy use and institutional environments.
<b>Consumer Environments</b>	Care should be taken to avoid Eye contact.
<b>Skin and body protection</b>	Rubber gloves
<b>Respiratory protection</b>	Unnecessary in open institutional environment.
<b>Hygiene measures</b>	Practice good personal hygiene. Wash after handling.

### **Personal Protective Equipment Industrial Environment**

<b>Eye/Face Protection</b>	Splash-proof chemical goggles or face shield.
<b>Skin and body protection</b>	Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product Practice good personal hygiene. Wash after handling

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Liquid	<b>Odor</b>	Pleasant
<b>Appearance</b>	Thin Liquid	<b>Odor Threshold</b>	No information available
<b>Color</b>	colorless		

  

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Methods</u>
pH	5.5	No information available	
Melting/freezing point		No data available	
Freezing Point		No data available	
Boiling point/boiling range	98.8 °C 210 °F	No information available	
Flash Point	NA	Not flammable	
Evaporation rate	< 1%	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
upper flammability limit			
lower flammability limit			
Explosion Limits			
upper			
lower			
Vapor pressure	NA	No information available	
Vapor density	NA	No information available	
Specific Gravity	0.990	No information available	
Water solubility	completely soluble	No information available	

Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	
Explosive properties	No information available
Oxidizing Properties	No information available

#### 9.2 Other information

Softening point	May produce corrosive fumes in a fire
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	May produce corrosive fumes in a fire
Bulk Density VALUE	May produce corrosive fumes in a fire

### 10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible products	Oxidizing agents Acids Bases Anionic surfactants
Conditions to Avoid	None known based on information supplied
Hazardous Decomposition Products	Oxides of ammonia
Hazardous Polymerization	Hazardous polymerization does not occur

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
N-Alkyldimethylbenzyl ammonium chloride	240 mg/kg ( Rat )		

#### Chronic toxicity

Target Organ Effects	None known.
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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
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N-Alkyldimethylbenzyl ammonium chloride		0.223 - 0.46: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 0.823 - 1.61: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 1.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 2.4: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static		
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### 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

#### Contaminated packaging

Do not re-use empty containers

### 14. TRANSPORT INFORMATION

<b>Note</b>	Cleaning Compound, Not Regulated
<b>DOT</b>	Not regulated
<b>Proper shipping name</b>	Cleaning Compound, Not Regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>ICAO/IATA</b>	Not regulated
<b>IMDG / IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR/RID</b>	Not regulated
<b>ADN</b>	Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

TSCA	TSCA
DSL	Complies
NDSL	Complies
EINECS	-
ELINCS	-
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies

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**AICS**

Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

**International Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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**16. OTHER INFORMATION**

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**Prepared By** Swisher Hygiene Inc.  
4725 Piedmont Row Drive  
Suite 400  
Charlotte, NC 28210  
**Issuing date** 25-May-2012  
**Revision Date** 18-Oct-2012  
**Revision Note** No information available  
**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

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