

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.07.2018

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## Beverage Tower Cleaner

### SECTION 1: Identification

#### Product identifier

**Product name:** Beverage Tower Cleaner

**Product code:** 8821



#### Recommended use of the product and restriction on use

**Relevant identified uses:** Cleaner

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

##### Manufacturer:

Scotch Corporation  
1255 Viceroy  
Dallas, TX 75247 USA  
1-800-334-2077  
mail@scotchcorp.com

#### Emergency telephone number:

**CHEMTREC**

1-800-424-9300 (USA)

### SECTION 2: Hazard(s) identification

#### GHS classification:

Skin irritation, category 2

Eye irritation, category 2A

Respiratory sensitization, category 1

#### Label elements

##### Hazard pictograms:



**Signal word:** Danger

#### Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Precautionary statements:

P264 Wash hands and exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P285 In case of inadequate ventilation wear respiratory protection.

P321 Specific treatment (see supplemental first aid instructions on this label).

P362 Take off contaminated clothing and wash before reuse

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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P332+P313 If skin irritation occurs: Get medical advice/attention

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

P337+P313 If eye irritation persists get medical advice/attention

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container to an approved waste disposal location in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified:** None

### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7732-18-5	Water	92.56
CAS number: 9012-54-8	Cellulase (aep)	0.01-0.03
CAS number: 68439-46-3	Alcohols, C9-11, ethoxylated	0.75
CAS number: 1300-72-7	Sodium xylene sulphonate	0.3-0.6
CAS number: 68647-72-3	Limonene	0.01-0.02
CAS number: 5392-40-5	Citral	<0.01
CAS number: 68855-99-2	Litsea cubeba fruit oil	<0.01
CAS number: 80-56-8	a-Pinene	<0.01
CAS number: 98-55-5	alpha-Terpineol	<0.01
CAS number: 8008-51-3	Cinnamomum camphora (Camphor) bark oil	<0.01

**Additional Information:** None

### SECTION 4: First aid measures

#### Description of first aid measures

##### General notes:

Not determined or not applicable.

##### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

##### After skin contact:

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Rinse affected area with soap and water  
If symptoms develop or persist, seek medical attention  
Take off all contaminated clothing  
Gently blot or brush away excess product  
Wash with plenty of lukewarm, gently flowing water  
Get medical advice if skin irritation occurs or you feel unwell

#### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes  
If symptoms develop or persist, seek medical attention  
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open  
Remove contact lenses, if present and easy to do so  
Continue rinsing for 15-20 minutes  
Get medical advice if eye irritation persists

#### After swallowing:

Rinse mouth thoroughly  
Seek medical attention if irritation, discomfort, or vomiting persists

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Not determined or not applicable.

##### Delayed symptoms and effects:

Not determined or not applicable.

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not applicable.

##### Notes for the doctor:

Not determined or not applicable.

### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

##### Unsuitable extinguishing media:

Not determined or not applicable.

#### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

#### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

#### Special precautions:

Not determined or not applicable.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation  
Ensure air handling systems are operational  
Wear protective eye wear, gloves and clothing

#### Environmental precautions:

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Should not be released into the environment  
Prevent from reaching drains, sewer or waterway

#### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing  
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)  
Dispose of contents / container in accordance with local regulations

#### Reference to other sections:

Not determined or not applicable.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing mist or vapor.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

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

Keep container tightly sealed.  
Protect from freezing and physical damage.  
Store in a cool, well-ventilated area.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
NIOSH	$\alpha$ -Pinene	80-56-8	NIOSH REL 8 hr Time Weighted Avg (TWA): 20 ppm
ACGIH	Citral	5392-40-5	8-Hour Exposure Limit (TLV-TWA): 5 ppm
	$\alpha$ -Pinene	80-56-8	8-Hour Exposure Limit (TLV-TWA): 20 ppm

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.  
Biological monitoring may also be appropriate for some substances.

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.  
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

Select glove material impermeable and resistant to the substance.  
Wear appropriate clothing to prevent any possibility of skin contact.

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### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Clear yellow liquid
Odor	Lemon scent
Odor threshold	Not determined
pH	9.1 to 9.5
Melting point/freezing point	Not available
Initial boiling point/range	Not available
Flash point (closed cup)	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not flammable
Upper flammability/explosive limit	Not available
Lower flammability/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Density	Not available
Relative density	1.004 Water=1
Solubilities	Soluble in water
Partition coefficient (n-octanol/water)	Not available
Auto/Self-ignition temperature	Not available
Decomposition temperature	Not available
Dynamic viscosity	Non-viscous
Kinematic viscosity	Non-viscous
Explosive properties	Non explosive
Oxidizing properties	Not an oxidizer

### Other information

## SECTION 10: Stability and reactivity

### Reactivity:

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

### Conditions to avoid:

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None known.

#### Incompatible materials:

None known.

#### Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
a-Pinene	oral	LD50 Rat: 3,700 mg/kg

#### Skin corrosion/irritation

**Assessment:** Causes skin irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Limonene	Causes skin irritation
Citral	Causes skin irritation
a-Pinene	Causes skin irritation
Litsea cubeba fruit oil	Causes skin irritation
alpha-Terpineol	Causes skin irritation
Cinnamomum camphora (Camphor) bark oil	Causes skin irritation

#### Serious eye damage/irritation

**Assessment:** Causes serious eye irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Citral	Causes serious eye irritation
alpha-Terpineol	Causes serious eye irritation
Cinnamomum camphora (Camphor) bark oil	Causes serious eye irritation
Alcohols, C9-11, ethoxylated	Causes serious eye damage

#### Respiratory or skin sensitization

**Assessment:** May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Product data:** No data available.

#### Substance data:

Name	Result
Limonene	May cause an allergic skin reaction.
Citral	May cause an allergic skin reaction
a-Pinene	May cause an allergic skin reaction.

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Name	Result
Litsea cubeba fruit oil	May cause an allergic skin reaction.
Cinnamomum camphora (Camphor) bark oil	May cause an allergic skin reaction.
Cellulase (aep)	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

#### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Cellulase (aep)	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Limonene	May be fatal if swallowed and enters airways.
a-Pinene	May be fatal if swallowed and enters airways.
Litsea cubeba fruit oil	May be fatal if swallowed and enters airways.
Cinnamomum camphora (Camphor) bark oil	May be fatal if swallowed and enters airways.

**Information on likely routes of exposure:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

**Other information:** No data available.

### SECTION 12: Ecological information

#### Acute (short-term) toxicity

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**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
a-Pinene	LC50; Species: Daphnia magna (Water flea, age 60%; Concentration: 68000 ug/L for 24 hr (95% confidence interval: 24000-190000 ug/L)
	LC50; Species: Pimephales promelas (Fathead minnow); Conditions: freshwater, semi-static, 25.5 deg C, pH 7.70 + or -0.2, oxygen concentration 6.7 mg/mL; Concentration: 0.28 mg/L for 96 hr

#### Chronic (long-term) toxicity

**Product data:** No data available.

**Substance data:** No data available.

#### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

### SECTION 13: Disposal considerations

#### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### SECTION 14: Transport information

#### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)



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UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

7732-18-5	Water	Listed
68647-72-3	Limonene	Listed
5392-40-5	Citral	Listed
80-56-8	a-Pinene	Listed
68855-99-2	Litsea cubeba fruit oil	Listed
98-55-5	alpha-Terpineol	Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Listed
1300-72-7	Sodium xylene sulphonate	Listed
9012-54-8	Cellulase (aep)	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

##### SARA Section 313 toxic chemicals:

68647-72-3	Limonene	Not Listed
5392-40-5	Citral	Not Listed
80-56-8	a-Pinene	Not Listed
68855-99-2	Litsea cubeba fruit oil	Not Listed
98-55-5	alpha-Terpineol	Not Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Not Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Not Listed
1300-72-7	Sodium xylene sulphonate	Not Listed
9012-54-8	Cellulase (aep)	Not Listed

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

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#### Massachusetts Right to Know:

68647-72-3	Limonene	Not Listed
5392-40-5	Citral	Not Listed
80-56-8	a-Pinene	Not Listed
68855-99-2	Litsea cubeba fruit oil	Not Listed
98-55-5	alpha-Terpineol	Not Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Not Listed
1300-72-7	Sodium xylene sulphonate	Not Listed
9012-54-8	Cellulase (aep)	Not Listed

#### New Jersey Right to Know:

68647-72-3	Limonene	Not Listed
5392-40-5	Citral	Not Listed
80-56-8	a-Pinene	Not Listed
68855-99-2	Litsea cubeba fruit oil	Not Listed
98-55-5	alpha-Terpineol	Not Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Not Listed
1300-72-7	Sodium xylene sulphonate	Not Listed
9012-54-8	Cellulase (aep)	Not Listed

#### New York Right to Know:

68647-72-3	Limonene	Not Listed
5392-40-5	Citral	Not Listed
80-56-8	a-Pinene	Not Listed
68855-99-2	Litsea cubeba fruit oil	Not Listed
98-55-5	alpha-Terpineol	Not Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Listed

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68439-46-3	Alcohols, C9-11, ethoxylated	Not Listed
1300-72-7	Sodium xylene sulphonate	Not Listed
9012-54-8	Cellulase (aep)	Not Listed

#### Pennsylvania Right to Know:

68647-72-3	Limonene	Not Listed
5392-40-5	Citral	Not Listed
80-56-8	a-Pinene	Not Listed
68855-99-2	Litsea cubeba fruit oil	Not Listed
98-55-5	alpha-Terpineol	Not Listed
8008-51-3	Cinnamomum camphora (Camphor) bark oil	Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Not Listed
1300-72-7	Sodium xylene sulphonate	Not Listed
9012-54-8	Cellulase (aep)	Not Listed

California Proposition 65: None of the ingredients are listed.

### SECTION 16: Other information

Abbreviations and Acronyms: None

#### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-0-0

HMIS: 2-0-0

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End of Safety Data Sheet