

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

SDS # CC-044-EU  
 Product Name Ice on Ice Conditioner

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Conditioner

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Supplier

Chris Christensen Systems Inc.  
 PO Box 961  
 Fairfield, TX 75840

#### For further information, please contact

Contact Point 903-389-7949  
 Email Address [Lisa@chrissystems.com](mailto:Lisa@chrissystems.com)

### 1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label Elements

#### Product Identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

#### Signal Word

None

EUH210 - Safety data sheet available on request

### 2.3. Other Hazards

No information available

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 MIXTURES

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Stearyl alcohol	Present	112-92-5	<5	Not determined	Not determined

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Section 4: FIRST AID MEASURES****4.1. Description of First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water and seek medical advice.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**4.2. Most Important Symptoms and Effects, Both Acute and Delayed**

**Symptoms** None known.

**4.3. Indication of any Immediate Medical Attention and Special Treatment Needed**

**Notes to Physician** Treat symptomatically.

**Section 5: FIREFIGHTING MEASURES****5.1. Extinguishing Media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

Not determined.

**5.2. Special Hazards Arising from the Substance or Mixture**

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

**5.3. Advice for Firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

**Section 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Use personal protective equipment as required.

**For Emergency Responders**

Use personal protection recommended in Section 8.

**6.2. Environmental Precautions**

See Section 12 for additional Ecological Information.

**6.3. Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Place in appropriate containers for disposal.

**6.4. Reference to Other Sections**

See Section 13: DISPOSAL CONSIDERATIONS.

**Section 7: HANDLING AND STORAGE****7.1. Precautions for Safe Handling****Advice on Safe Handling**

Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for Safe Storage, Including any Incompatibilities****Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place.

**7.3. Specific End Use(s)****Specific Use(s)**

Conditioner.

**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control Parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**8.2. Exposure Controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Personal Protective Equipment****Eye/Face Protection**

Avoid contact with eyes.

**Hand Protection**

Gloves are not required for normal use.

**Skin and Body Protection**

Suitable protective clothing.

**Respiratory Protection**

Ensure adequate ventilation, especially in confined areas.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on Basic Physical and Chemical Properties**

<b>Physical state</b>	Liquid	<b>Odour</b>	Not determined
<b>Appearance</b>	Not determined	<b>Odour Threshold</b>	Not determined
<b>Colour</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting point / freezing point</b>	Not determined	
<b>Boiling Point / Boiling Range</b>	Not determined	
<b>Flash Point</b>	Not determined	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper Flammability Limit</b>	Not determined	

<b>Lower Flammability Limit</b>	Not determined
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Water Solubility</b>	Not determined
<b>Solubility(ies)</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidising Properties</b>	Not determined

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not reactive under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of Hazardous Reactions

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to Avoid

Keep out of reach of children.

### 10.5. Incompatible Materials

None known based on information supplied.

### 10.6. Hazardous Decomposition Products

None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

#### **Acute Toxicity**

#### **Product Information**

<b>Inhalation</b>	Do not inhale.
<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Not expected to be a skin irritant during prescribed use.
<b>Ingestion</b>	Do not ingest.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	17,669.00 mg/kg
<b>ATEmix (dermal)</b>	52,056.00 mg/kg

**Unknown Acute Toxicity**

- 10.28 % of the mixture consists of ingredient(s) of unknown toxicity.  
 3.92 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
 3.92 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
 10.28 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
 10.28 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).  
 10.28 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Stearyl alcohol	> 5 g/kg ( Rat )	> 3 g/kg ( Rabbit )	
Cetrimonium Chloride	= 410 mg/kg ( Rat )	= 4300 mg/kg ( Rabbit )	
Dimethicone		> 2008 mg/kg ( Rat )	
Citric Acid	= 3 g/kg ( Rat ) = 3000 mg/kg ( Rat )		
Coconut Oil	> 5000 mg/kg ( Rat )		

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Sensitisation</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.

## Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Stearyl alcohol	235: 96 h Desmodesmus subspicatus mg/L EC50	10000: 96 h Brachydanio rerio mg/L LC50	1666: 48 h Daphnia magna mg/L EC50

**12.2. Persistence and Degradability**

Not determined.

**12.3. Bioaccumulative Potential**

Chemical Name	Partition Coefficient
Stearyl alcohol	7.19

**12.4. Mobility in Soil****Mobility**

Not determined.

**12.5. Results of PBT and vPvB Assessment**

Not determined.

**12.6. Other Adverse Effects**

Not determined.

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste Treatment Methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

**Section 14: TRANSPORT INFORMATION****IMDG****14.2 Proper Shipping Name** Not regulated**RID****14.2 Proper Shipping Name** Not regulated**ADR****14.2 Proper Shipping Name** Not regulated**IATA****14.2 Proper Shipping Name** Not regulated**Section 15: REGULATORY INFORMATION****15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Stearyl alcohol 112-92-5 ( <5 )	X	X	X	X	X	X	X	X
Cetyl Alcohol 11094-60-3 ( <5 )	X	X	X	X	X	X	X	X
Cetrimonium Chloride 112-02-7 ( <5 )	X	X	X	X	X	X	X	X
Behentrimonium Chloride 17301-53-0 ( <5 )	X	X	X	X	X	X	X	-

Dimethicone 9006-65-9 (<1)	-	X	-	X	-	X	X	-
Silicone 34396-03-7 (<1)	X	X	X	X	-	X	X	X
Panthenol 16485-10-2 (<1)	X	X	X	X	X	X	X	-
Hydrolyzed soy protein 68607-88-5 (<1)	X	X	X	X	X	X	X	X
Keratin Amino Acids 69430-36-0 (<1)	X	X	X	X	X	X	X	X
Citric Acid 77-92-9 (<1)	X	X	X	X	X	X	X	X
Hydrolyzed corn protein 100209-41-4 (<1)	-	-	X	-	-	-	-	X
Butyrospermum Parkii (Shea Butter) 194043-92-0 (<1)	-	X	-	-	-	X	-	-
Virgin Olive Oil 8001-25-0 (<1)	X	X	X	X	-	X	X	X
Coconut Oil 8001-31-8 (<1)	X	X	X	X	X	X	X	X

**Legend**

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

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**Section 16: OTHER INFORMATION****Full text of H-Statements referred to under section 3**

Not applicable

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Classification Procedure**

Calculation method

**Issue Date:** 17-Apr-2018

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**Revision Note:** New format.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830**

**Disclaimer**

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.

End of Safety Data Sheet