

## SAFETY DATA SHEET (SDS)

Section 1: Identification	
<b>Product Name</b>	<b>Super-Kleer K.C.™ (Chitosan)</b>
<b>Item Code</b>	13341, 13341B
<b>Manufacturer/Supplier:</b>	<b>Winemakeri Inc.</b> <b>Address:</b> 731 Old Sackville Rd, Lower Sackville, NS, Canada B4C 3H6 <b>Phone #:</b> (902) 864-0100  <b>Website:</b> <a href="http://www.winemakeri.com/">http://www.winemakeri.com/</a>
<b>In Case of Emergency:</b>	Email: <a href="mailto:sales@winemakeri.com">sales@winemakeri.com</a>

Section 2: Hazard(s) Identification									
<b>Signal Word</b>	N/A								
<b>Hazard Statement</b>	N/A								
<b>Routes of Entry</b>	Inhalation. Ingestion.								
<b>Potential Health Effects:</b>	<table> <tr> <td><b>Eyes</b></td><td>Mild irritation may occur.</td></tr> <tr> <td><b>Skin</b></td><td>May cause mild irritation if contact with skin is prolonged.</td></tr> <tr> <td><b>Inhalation</b></td><td>No observable effects.</td></tr> <tr> <td><b>Ingestion</b></td><td>No observable effects.</td></tr> </table>	<b>Eyes</b>	Mild irritation may occur.	<b>Skin</b>	May cause mild irritation if contact with skin is prolonged.	<b>Inhalation</b>	No observable effects.	<b>Ingestion</b>	No observable effects.
<b>Eyes</b>	Mild irritation may occur.								
<b>Skin</b>	May cause mild irritation if contact with skin is prolonged.								
<b>Inhalation</b>	No observable effects.								
<b>Ingestion</b>	No observable effects.								


Section 3: Composition/Information on Ingredients		
Hazardous Ingredients	CAS Number	%
Chitosan acetate	87582-10-3	1-10%
Malic acid	6915-15-7	1-10%

Section 4: First-Aid Measures	
<b>Eye Contact</b>	Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
<b>Skin Contact</b>	Remove contaminated clothing. Rinse with water.
<b>Inhalation</b>	If inhaled, remove to fresh air. If recovery is not rapid or complete, seek medical attention.
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.
<b>Notes to Physician</b>	No Information Available

Section 5: Fire-Fighting Measures	
<b>Extinguishing Media</b>	
<b>Suitable</b>	Use extinguishers suitable to cause of fire.

Not Suitable	N/A
<b>Section 6: Accidental Release Measures</b>	
<b>Method for Containment and cleanup</b>	Collect spillage with cloth or proprietary absorbent. Flush residue with water.

<b>Section 7: Handling and Storage</b>	
<b>Storage :</b> Store in a cool, dry location.	
<b>Handling:</b> Avoid unnecessary contact with eyes and skin, wear protective gloves.	

Section 8: Exposure Control and Personal Protection Measures					
Personal Protection	 Safety glasses. PVC rubber Gloves.				
Personal Protection in Case of a Large Spill:	Splash goggles. PVC rubber Gloves.				
Exposure Limits:					
Components	CAS-No	Value	Control Parameters	Basis	Form of exposure
Chitosan Acetate	87582-10-3	Does not contain any hazardous materials with occupational exposure limits.			
Malic Acid	6915-15-7				

<b>Section 9: Physical and Chemical Properties</b>	
<b>Appearance/Color</b>	Clear viscous liquid
<b>Odor</b>	Odorless
<b>Physical State</b>	Liquid
<b>Boiling/Condensation Point</b>	99°C
<b>Specific Gravity</b>	1.1 (water = 1)
<b>Solubility</b>	Miscible in water
<b>pH</b>	2.3-2.6 (at 20°C)

<b>Section 10: Stability and Reactivity</b>	
<b>Stability and Reactivity</b>	Product Is stable
<b>Materials to Avoid</b>	Strong oxidants
<b>Conditions to Avoid</b>	Avoid temperatures of >280°C

### Section 11: Toxicological Information

This Product is not considered to be toxic.

### Section 12: Ecological Information

This product contains no substance considered to be persistent, bio accumulating or toxic.

### Section 13: Disposal Considerations

#### Waste Treatment Methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14: Transportation Information

#### U.S.D.O.T. Proper Shipping Name:

Not a DOT controlled material

#### Hazard Classification:

Not Classified

#### Reportable Qualities:

Transport and store between 5°C and 35°C (41°F and 95°F)

#### UN (United Nations), NA (North American) Number:

N/A

### Section 15: Regulatory Information

#### Regulatory Overview

The regulatory data in Section 15 is not intended to be all- inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) inventory or are not required to be listed on the TSCA inventory.

#### D.O.T. Proper Shipping Name:

N/A

#### D.O.T. Hazard Classification:

Not Classified

### Section 16: Information

#### Revision History:

**Date of Preparation:** March 22, 2019

**Revised:** September 20, 2023

**Supersedes:** All Previous Versions

The information in this SDS is based on our present knowledge, however, this document shall not guarantee any specific product features and shall not establish a legally valid contractual relationship. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. No warranty, either express or implied, is hereby made. Once this product leaves this facility, the conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product. The recipient of this material should be aware of the possible existence of additional local regulations which may be applicable to this material.