

Celeste Industries Corp.  
7978 Industrial Park Road  
Easton, Maryland 21601

CELESTE CONTACT: 410-822-5775  
24 HOUR EMERGENCY -  
CHEMTREC: 800-424-9300

Document control number: MSTR061 REV0

PART NUMBER: LB-3843/2

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## MATERIAL SAFETY DATA SHEET

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### PRODUCT IDENTIFICATION

Material Name	: Lime Refresher Towel Sol'n (LB-3843/2)	<u>Hazard Rating</u>	
MSDS Date	: 17 MARCH 2009	Health	..... 1
Supersedes	: n/a	Fire	..... 3
Prepared By	: J A Long	Reactivity	..... 0
		Personal Protective Equipment.	B

Scale:	4- Extreme	1- Slight
	3- High	0- Insignificant
	2- Moderate	

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### COMPONENT INFORMATION

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>Exposure Limit Information in ppm</u>		
		<u>AMT.</u> <u>(%)</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH TLV</u>
ETHYL ALCOHOL	<u>#64-17-5</u>	15-23	TWA 1000 PPM	TWA 1000 PPM 8 HOUR
WATER		70-80		

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### EMERGENCY RESPONSE INFORMATION

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HEALTH HAZARDS (Acute & Chronic): N/A

### FIRST AID PROCEDURES

<u>Inhalation:</u>	Unlikely route of entry. Move patient to fresh air. Seek medical attention immediately.
<u>Eye Contact :</u>	Flush immediately with clean water for at least 15 minutes.
<u>Skin Contact:</u>	Very unlikely to cause skin irritation. If irritation occurs, wash thoroughly with soap & water. If irritation persists, contact a physician.
<u>Ingestion:</u>	Give water to dilute. Call a physician immediately.

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**SPILL OR LEAK HANDLING INFORMATION**

For consumer use, not applicable.  
**Personal Protection:** For consumer use, none generally required. For production, use Rubber Gloves & Safety glasses.  
**Procedures:** Sweep up spill; dispose of material; rinse area with water, if desired. Dispose of per applicable local, state and Federal regulations.

**FIRE FIGHTING INFORMATION**

**Department of Transportation (DOT) Emergency Response Guide Number:** 26

**Unusual Hazards:** N/A

**Special Fire Fighting Procedures:** N/A

**Extinguishing Agents:** Water

**Personal Protective Equipment:** Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**PHYSICAL/CHEMICAL CHARACTERISTICS**

**FIRE AND EXPLOSIVE PROPERTIES**

Flash Point.....	97 ° F (TCC)
Auto-ignition temperature....	Not available
Lower Explosive Limit.....	N/A
Upper Explosive Limit.....	N/A

**REACTIVITY INFORMATION**

<b><u>Stability:</u></b>	Stable
<b><u>Conditions to Avoid:</u></b>	N/A.
<b><u>Hazardous Polymerization:</u></b>	Will Not occur.
<b><u>Incompatibility:</u></b>	Avoid strong oxidizing agents.

**PERSONAL PROTECTION MEASURES**

For Consumer Use, none generally required.  
 For Production, however observe the following:  
**Respiratory Protection:** None generally required.  
**Eye Protection:** Use safety glasses, if splash to eyes may occur.  
**Hand Protection:** For prolonged contact wear chemically resistant gloves.

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**FACILITY CONTROL MEASURES**

**Ventilation:** Local - ventilation meeting ACGIH criteria. Explosion proof.  
**Other Protective Equipment:** Use plastic or rubber apron to protect clothing, if needed.

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**STORAGE AND HANDLING INFORMATION**

**Storage Conditions:** Store in a cool, dry area; keep containers closed when not in use.  
**Other Precautions:** N/A

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**SUPPLEMENTAL INFORMATION**

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**Typical Physical Properties**

Appearance.....	Clear Liquid
Color.....	Colorless
State.....	Liquid
Odor Characteristic.....	Lime Odor
pH.....	Not available
Viscosity.....	Not available
Specific Gravity (Water = 1).....	0.97
Vapor Density (Air = 1).....	2.07
Melting Point.....	Not available
Boiling Point.....	120 Degrees F
Solubility in water.....	Completely Miscible
Percent Volatility.....	Not available
Evaporation rate (Butyl Acetate = 1).....	Not available

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**WASTE DISPOSAL:** Dispose of in accordance with applicable federal, state, and local regulations.

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## REGULATORY INFORMATION

### WORKPLACE CLASSIFICATIONS:

**OSHA (USA):** Not OSHA regulated. No ingredients identified by OSHA as hazardous are known to be present or the ingredients present are below the levels specified as hazardous by OSHA (Per 29 CFR 1910.1200)

**WHMIS (Canada):** not regulated per TDGR, 2.6 (b)

### TRANSPORTATION:

**NOTE:** This material is an aqueous solution of alcohol containing less than 24% alcohol by volume and more than 50% water. Per 49 CFR, 173.150 (e) this solution is non-regulated for ground or water transport and is not subject to IATA DGR per Special Provision A58.

**HAZMAT MARKING:** N/A

**HAZMAT LABEL:** N/A

### EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

**Section 311/312 Categorizations (40CFR 370):** This material requires notification under the Act for inventory greater than 10,000 lbs. daily.

**Section 313 Information (40CFR 372):** This material contains no toxic chemical at a level which is reportable under SARA Toxic Chemical Release Reporting Regulations.

**RCRA INFORMATION:** This material is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24)

**Toxic Substances Control Act (TSCA):** All components in this material are in the TSCA Inventory

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. **Celeste Industries Corporation** assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

### **ABBREVIATIONS:**

**ACGIH = American Conference of Government Industrial Hygienists**

**IATA = International Air Transport Association**

**ICAO = International Civil Aviation Organization**

**OSHA = Occupational Safety and Health Administration**

**PEL = Permissible Exposure**

**STEL = Short-Term Exposure Limit**

**TLV = Threshold Limit Value**

**TWA = Time Weighted Average**

**WHMIS= Workplace Hazardous Materials Information System**