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24 HOUR EMERGENCY -  
CHEMTREC: 800-424-9300

Document control number: MS94A - Rev 5

PART NUMBER: LS-4000/16

## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

Material Name	: Natural Gum Remover Gel	<u>Hazard Rating</u>	
MSDS Date	: 9 December 2010	Health	..... 2
Supersedes	: 26 October 2009	Fire	..... 2
Prepared By	: J.A. Long	Reactivity	..... 0
		Personal Protective Equipment.	G

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

### COMPONENT INFORMATION

#### Exposure Limit Information

COMPONENT	CAS NO.	AMT. (%)	OSHA		ACGIH	
			TWA	TLV	TWA	TLV
Orange Terpenes	68917-57-7	<30%	n/a		n/a	
Dimethyl Glutarate	1119-40-0	<50%	n/a		n/a	
Dimethyl Adipate	627-93-0	<50%				

### PERSONAL PROTECTION MEASURES

**Respiratory Protection:** None generally required (use NIOSH-approved respirator if desired).  
**Eye Protection:** Use goggles or face shield if splash to eyes may occur.  
**Hand Protection:** For prolonged or repeated use use chemically resistant gloves.

### EMERGENCY RESPONSE INFORMATION

#### FIRST AID PROCEDURES

<b>Inhalation:</b>	Seek fresh air immediately. If breathing is difficult see physician.
<b>Eye Contact :</b>	Flush immediately with clean water for as least 15 minutes.
<b>Skin Contact:</b>	Flush skin with plenty of water if splashed/spilled on oneself.
<b>Ingestion:</b>	Give water to dilute. Contact a physician immediately.
<b>Chronic Effects:</b>	Harmful if swallowed. May cause eye damage. May cause skin irritation if not washed off in due time.

**NOTES TO PHYSICIANS:** This product contains an organic base solvent (keto/amine) and is capable of causing irritation to tissue including those of the gastrointestinal tract when ingested. Treatment consistent with the ingestion of strong bases is advised.

**SPILL OR LEAK HANDLING INFORMATION**

**Personal Protection:** Chemical splash goggles or full face shield.

**Containment of Spill:** Boom containment measures as appropriate, dilution of spill with water and directing effluent to drains is also effective. Product is biodegradable.

**Cleanup and Disposal Spill:** Small spills may be wiped up with absorbent towels. Larger spills should be contained, absorbed and placed in suitable containers for disposal. Incinerate or Landfill waste in a properly permitted facility complying with federal, state and local regulations.

**FIRE FIGHTING INFORMATION**

**Department of Transportation (DOT) Emergency Response Guide Number:** 27

**Unusual Hazards:** Combustible liquid.

**Extinguishing Agents:** Dry chemical, CO2, foam. Class B fire procedures. Avoid spreading burning liquid with 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.....	120 Degrees F (45°C) - TCC
Auto-ignition temperature....	Not Known
Lower Explosive Limit.....	Not determined
Upper Explosive Limit.....	Not determined

**REACTIVITY INFORMATION**

<b><u>Instability:</u></b>	Stable
<b><u>Hazardous Decomposition Products:</u></b>	Oxides of nitrogen and carbon may form during burning.
<b><u>Hazardous Polymerization:</u></b>	Will not occur.
<b><u>Incompatibility:</u></b>	Avoid strong oxidizing agents & polymerization catalysts such as aluminum chloride.

**FACILITY CONTROL MEASURES**

<b><u>Ventilation:</u></b>	Local - ventilation meeting ACGIH criteria.
<b><u>Other Protective Equipment:</u></b>	Use plastic or rubber apron to protect clothing, if needed.

**STORAGE AND HANDLING INFORMATION**

**Storage Conditions:** Usual precautions for combustible liquids.  
 Minimum/Maximum Storage Temperature: 5C (40F)-40C (102F)

**Handling Procedures:** All handling equipment should be electrically grounded.

**SUPPLEMENTAL INFORMATION**

**Typical Physical Properties**

Appearance.....	Opaque Gel
Color.....	Amber
State.....	Moderate thick gel
Odor Characteristic.....	Mild Citrus Aroma
pH.....	Not available
Viscosity.....	Gel (not actually measured)
Specific Gravity (Water = 1).....	0.8433
Vapor Density (Air = 1).....	2.5
Vapor Pressure.....	2 mm Hg
Melting Point.....	Not available
Boiling Point.....	187 degree C / 369 degree F
Solubility in water.....	Insoluble
Percent Volatility.....	78%
Evaporation rate (Butyl Acetate = 1).....	Not known
V.O.C.....	3.81 lbs./gallon

**TOXICITY INFORMATION**

**Acute Data**

Oral LD50.....	Not Available
Dermal LD50.....	Not Available
Skin Irritation.....	Not Available
Eye Irritation.....	Not Available

**WASTE DISPOSAL:** Disposal in landfill approved for same, away from water supplies. Incineration is an alternate method. Dispose of in accordance with applicable federal, state, and local regulations.

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## REGULATORY INFORMATION

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### WORKPLACE CLASSIFICATIONS:

OSHA (USA): None

WHMIS (Canada): None

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### TRANSPORTATION:

#### D.O.T Shipping Name/Class:

Not regulated for ground domestic shipments (for containers less than 1 gallon).

#### International Air Shipments:

TERPENE HYDROCARBONS, N.O.S. (CONTAINS D-LIMONENE), 3, UN2319, PG III.

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

Section 311/312 Categorizations (40CFR 370): This material contains no health or environmental hazardous substance at a level which requires notification under the Act.

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

This 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