

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078695012

N/A

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 Consulted for specific requirements.

IDENTITY (As used on Label and List)  <b>Dr. Larson's Calcium Gel</b>	<i>Note:</i> Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**Section 1**

Manufacturer's Name MAI P/S Division	Emergency Telephone Number <b>715-778-5822</b>
<b>Address (Number, Street, City, State and Zip Code)</b> 29575 Sharp Lane	Telephone Number for Information <b>715-778-5822</b>
<b>Parma, ID 83660</b>	Date Prepared <b>4/27/2012</b>
	Signature of Preparer ( <i>optional</i> )

**Section II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical identity; Common Names(s))				Other limits	
Chemical Name	Common Name(s)	CAS Number	OSHA PEL	ACGIH TLV	Recommended
<b>Calcium Oxide</b>		<b>1305-78-80</b>			
<b>Calcium Propionate</b>		<b>4075-81-4</b>			
<b>Monostearate</b>		<b>7047-84-9</b>			
<b>Safflower Oil</b>		<b>8001-23-8</b>			
<b>Clay</b>		<b>1332-58-7</b>			

**Section III – Physical/Chemical Characteristics**

Boiling Point No Data	Specific Gravity (H2O =1) No Data	
Vapor Pressure (mm Hg.) 0.01 hPa	Melting Point No Data	
Vapor Density (Air = 1) 2.2 g/l	Evaporation Rate (Butyl Acetate = 1) No Data	
Solubility in Water Complete, colorless 1 M in H2O, 20 C		
Appearance and Odor Physical State: Gel- cream color		

### Section IV – Fire and Explosion Hazard Data

Flammability: Unknown	<b>Flammable Limits</b> unknown	LEL Unknown	UEL Unknown
Extinguishing Media: Dry Chemical powder			
Special Fire Fighting Procedures; None			
Unusual Fire and Explosion Hazards: None			

### Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid None <b>n/a</b>
	Stable	<b>x</b>	
Incompatibility (Materials to Avoid) None			
Hazardous Decomposition : None			
Hazardous Polymerization	May Occur		Conditions To Avoid n/a
	Will Not Occur	<b>x</b>	

### Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? <b>X</b>	Skin? <b>X</b>	Ingestion? <b>X</b>	Eyes? <b>X</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>Eye: Flush with water for at least 15 minutes. Contact Physician</b> <b>Skin: Wash with soap and water.</b> <b>Inhalation: none</b> <b>Ingestion: Drink plenty of water, do not induce vomiting, call a physician. Never give anything by mouth to an unconscious person.</b>				
<b>Product is not intended for human consumption.</b>				

Carcinogenicity:	NTP?	IARC Monographs ?	OSHA Regulated?
Signs and Symptoms of Exposure <b>None known.</b>			
Medical Conditions Generally Aggravated by Exposure None known			
Emergency and First Aid Procedures <b>Eye: Flush with water for at least 15 minutes. Contact Physician</b> <b>Skin: Wash with soap and water.</b> <b>Inhalation: none</b> <b>Ingestion: Drink plenty of water, do not induce vomiting, call a physician. Never give anything by mouth to an unconscious person.</b>			

### Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Evacuate area.
Waste Disposal Method
<b>Precautions to Be Taken in Handling and Storing</b>  <b>Store in cool dry environment. Avoid contact with intense heat and open flame. Keep out of reach of children.</b>
Other Precautions:  <b>Eyewash station and safety shower should be available within the hazards presented by this material.</b>

### Section VIII – Control Measures

Respiratory Protection ( <i>Specify Type</i> ) <b>none</b>		
Ventilation	Local Exhaust <b>none</b>	Special
	Mechanical ( <i>General</i> ) <b>none</b>	Other
Protective Gloves <b>Rubber gloves</b>	Eye Protection <b>Splash Goggles</b>	
Other Protective Clothing or Equipment  <b>Eyewash station and safety shower should be available within the hazards presented by this material.</b>		
Work/Hygienic Practices  <b>Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.</b>		

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Reasonable care has been taken in the preparation of this document, but no warranties are extended and no representation made as to the accuracy or completeness of the information. Since \_\_\_MAI/Genesis \_\_\_\_\_Industries has no control over the ultimate use of this product, it is the responsibility of the user to determine the conditions of its safe use.










# Safety Data Sheet

**Section 1: Identification of the substance or mixture and of the supplier.** Includes GHS product identifier, recommended use and restrictions on use, supplier's details, emergency contact information.

Product Name:	Dr. Larson's Calcium Gel
Company Name:	MAI P/S Division
Address:	P.O. Box 39
City, State, Zip:	Spring Valley, WI 54767
Phone:	715-778-5822
In case of Emergency Contact:	1-800-222-1222
	Poison Control Center

**Section 2: Hazards identification.** Includes GHS classification, GHS label elements, and other hazards not resulting in classification or not covered by GHS.

Form:	Solid	Liquid	Gas
	X	NA	NA

<b>GHS Classification:</b>	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
GHS Classification:									
GHS Label Element:	Health Hazard	Flame	Exclamation Mark	Gas Cylinder	Corrosion	Exploding Bomb	Skull & Crossbones	Environment	Flame Over Circle

Other hazards which do not result in classification:	None under normal conditions.
Hazard Communication (29CFR 1910.1200)	Danger

**Section 3: Composition/information on ingredients.** Includes information on chemical ingredients, such as chemical identity and concentrations.

Material Name	CAS Number	Concentration
Soybean Oil	8001-22-7	Proprietary
Calcium Propionate	4075-81-4	Proprietary
Calcium Oxide	1305-78-8	Proprietary
Kaolin Clay	1332-58-7	Proprietary

**Section 4: First aid measures.** Includes description of necessary measures, most important symptoms/effects, and indication of immediate medical attention and special treatment needed.

General Advice:	Not intended for human consumption.
If Inhaled:	Allow victim to rest in a well ventilated area. Seek immediate medical attention. Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt, or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth to mouth resuscitation. Seek medical attention.
In case of skin contact:	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices and creases.
In case of eye contact:	Rinse cautiously with water for several minutes. Check for and remove any contacts lenses. Continue rinsing. Do not use eye ointment. Seek medical attention.
If swallowed:	Do not induce vomiting. Loosen tight clothing such as collar, tie, belt, or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek medical attention.
Most Important symptoms and effects, both acute and delayed	Causes skin irritation.
	Causes serious eye damage.

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Note to physician	NA
In case of Emergency - Contact:	NA

**Section 5: Firefighting measures.** Includes suitable extinguishing techniques, specific hazards from fire, and special protective equipment

Suitable extinguishing techniques	Foam. Dry Chemical Powder. Carbon dioxide. Water Spray. Sand.
Un-suitable extinguishing techniques	Do not use a heavy water stream.
specific hazards for firefighters	NA
special protective equipment & precautions for firefighters	Use water spray or fog for cooling exposed containers.
Further Information	Do not enter fire area without proper protective equipment, including respiratory protection.

**Section 6: Accidental release measures.** Includes precautions, protective equipment, emergency procedures, environmental precautions,

Environmental precautions,	Prevent entry to sewers and public waters. Notify authorities if liquid enters swers or public waters.
Personal precautions & protective equipment	Wear gloves, respirator when ventilation is inadequate, and face protection.
Emergency procedures	NA
Methods for containment & cleanup	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
Further Accidental Release Notes	NA

**Section 7: Handling and storage.** Includes Precautions for safe handling, and Conditions for safe storage, including any incompatibilities.

Precautions for safe handling	Do not ingest. Do not breathe gas/fumes vapor spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or label.
Conditions for safe storage	Keep away from heat. Keep away from sources of ignition. Group all equipment containing material.
Any incompatibilities	Strong bases. Strong reducing agents, metals, combustible materials.

**Section 8: Exposure controls/personal protection.** Includes Occupational exposure limits or Biological exposure limits, appropriate engineering controls, and Personal Protective Equipment (PPE).

Occupational exposure limits	Unknown
Biological exposure limits	Unknown
appropriate engineering controls	Emergency eye wash fountains.
Personal Protective Equipment (PPE)	Avoid all unnecessary exposure.
Respiratory	Wear respirator when ventilation is inadequate.
Hands	Wear protective gloves
Eyes	Wear safety glasses with side shields/ goggles

**Section 9: Physical and chemical properties.** Includes the chemical's characteristics (appearance, odor, pH, flash point, vapor pressure, etc.).

Form	Gel
Color	Tan
Odor	Vegetable Oil
Odor Threshold	NA
Melting point	NA
Boiling point/boiling range	NA
Density	NA
Bulk density	NA
Vapor pressure	NA
Viscosity, dynamic	NA
Viscosity, kinematic	NA

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Flow time	NA
Surface tension	NA
Miscibility with water	NA
Water solubility	NA
pH	NA
Relative density	NA
Partition coefficient	NA
Solubility(ies)	Complete
Flash point	NA
Flammability (solid, gas)	NA
Explosion limits	NA

**Section 10: Stability and reactivity.** Includes reactivity, chemical stability, possible hazardous reactions, conditions to avoid, incompatible materials, and hazardous decomposition products.

Conditions to avoid	NA
Materials to avoid	Unstable on exposure to light.
Hazardous reactions	NA
Thermal decomposition	NA
Hazardous decomposition products	NA
Oxidizing properties	Keep from contact with oxidizing materials.

**Section 11: Toxicological information.** Includes routes of exposure, related symptoms, acute and chronic effects, and numerical measures of toxicity.

Carcinogenicity	NA
STOT - single exposure	NA
STOT - repeated exposure	NA










**Section 12: Ecological information.** Includes Eco toxicity, persistence and degradability, bioaccumulative potential, mobility in soil, and other adverse effects.

General advise	NA
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**Section 13: Disposal considerations.** Includes description of waste residues, and information on their safe handling and methods of disposal.

Follow federal, state, and local laws for proper disposal.

**Section 14: Transport information.** Includes UN number, UN proper shipping name, transport hazard classes, packing group, environmental hazards, transport in bulk, and special precautions.

<b>GHS Classification:</b>	N/A	N/A	N/A	N/A	X	N/A	N/A	N/A	N/A
GHS Classification:									
GHS Label Element:	Health Hazard	Flame	Exclamation Mark	Gas Cylinder	Corrosion	Exploding Bomb	Skull & Crossbones	Environment	Flame Over Circle

Land transport (CFR)	Not regulated
US Sea transport (IMDG)	Not regulated
US Air transport (ICAO / IATA cargo aircraft only)	Not regulated
US Air transport (ICAO / IATA passenger & cargo aircraft)	Not regulated
International IATA	NA

**Section 15: Regulatory information.** Includes safety, health and environmental regulations specific for the product in question.

US EPA Emergency Planning & Community Right-to Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Components:	NA
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US EPA Emergency Planning & Community Right-To-Know Act (EPCRA) SARA Title III Section 313

Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Components:

US EPA CERCLA Hazardous Substances (40 CFR 302)

Components:

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects of other reproductive harm.

OSHA Hazcom Standard Rating:

**Section 16: Other information.** Includes information on the preparation and revision of the SDS.

The information provided in the 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 of 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.

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by MAI P/S Division to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. MAI P/S Division assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.