

MSDS - Material Safety Data Sheet**Product Name: Calcium Chloride Gel**

MSDS No.: 0002

I. Basic Information:

Manufacturer: Pegasus Laboratories, Inc.

Address: 8809 Ely Road

City, ST Zip: Pensacola, FL 32514

Emergency Contact: Chemtrec

Emergency Telephone Number: 800-424-9300

Contact: Carl Causey

Information Telephone Number: 850-478-2770

Last Update: 05/25/2001

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture**II. Ingredients:**

Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA PEL	ACGIH TLV	Other Limits
			NTP	SUB Z	313			
10043-52-4	Calcium chloride	40				NI	NI	NI

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

IV. First Aid Measures:

Route(s) of Entry:

Contact, inhalation, and ingestion.

Health Hazards (Acute and Chronic):

Eyes: Contact will cause eye irritation

Skin: Contact may irritate and defat skin

Inhalation: May irritate and/or cause burning sensation to the respiratory tract.

Ingestion: Swallowing may irritate gastrointestinal tract

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NI

Emergency and First Aid Procedures:

Eyes: Flush with large amounts of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

Skin: Bathe and shampoo with soap and water to remove chemical from skin and hair. If irritation persists, seek medical attention.



2	Health
2	Flammability
0	Reactivity
	Pers. Protection

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Inhalation: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention.

Ingestion: Call physician or Poison Control Center

Other Health Warnings:

NI

V. Fire Fighting Measures:

Flash Point: NI

Lower Explosive Limit: NI

Upper Explosive Limit: NI

F.P. Method: NI

Fire Extinguishing Media: CO₂, Dry Chemical, Foam, Water

Special Fire Fighting Procedures:

NI

Unusual Fire and Explosion:

Prevent pollution of ground water from fire control run-off.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Ventilate the area. Wear protective clothing, chemical-resistant gloves and shoes, and safety glasses with side shields or goggles. If ventilation is not adequate, wear an organic vapor respirator, NIOSH/MSHA Approval No. TC-23C. Contain and collect onto inert absorbent; place into containers for disposal. Clean area with water.

VII. Handling and Storage:

Precautions to be Taken:

Store in a cool, dry, locked area, inaccessible to children and pets. Keep container closed to prevent contamination.

Other Precautions:

NI

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good local ventilation is required. Mechanical ventilation may be necessary in an enclosed area, to prevent exposure above recommended levels.

Personal Protective Equipment:

Respiratory Protection: If ventilation is adequate, no respiratory protection is required. In the event of a large spill, or during production, wear a NIOSH/MSHA Approval No. TC-23C organic vapor respirator.

IX. Physical and Chemical Properties:

Boiling Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Melting Point: NI

Vapor Pressure (mm Hg.): NI

Specific Gravity (H₂O = 1): 1.44400

Solubility In Water: Soluble

Vapor Density (AIR = 1): NI

Appearance and Odor: Clear to translucent off-white gel; mild, salty

odor.

Other Information: Density at 20 C: 12 lb/gal

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pH: 4.0

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

A component of this product is incompatible with metals.

Decomposition/By Products:

If product is burned, carbon monoxide, carbon dioxide, and HCl may be produced.

Hazardous Polymerization:

Will Not Occur.

XI. Toxicological Information:

NI

XII. Ecological Information:

NI

XIII. Disposal Considerations:

Dispose of waste water, chemicals, and absorbent according to local, state, and Federal regulations.

XIV. Transport Information:

NI

XV. Regulatory Information:

NI

XVI. Other Information:

Recommended Hazard Summary (Defined by 29 CFR 1910. 1200) : Immediate Health Hazard

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard identification but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional, or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstance or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.