C13401

1. IDENTIFICATION

Cal-Gel, J-0294

For treatment of milk fever in cattle

Jorgensens Laboratories

1450 Van Buren Avenue

Product Codes: J-0294

Loveland, CO 80538 U.S.A.

Phone: (970) 669-2500 or (800) 525-5614 Fax: (970) 663-5042 Emergency phone number: U.S. &Canada: (800) 535-5053

International: (352) 323-3500 (INFOTRAC)

2. HAZARD(S) IDENTIFICATION

Hazard classifications:
Signal word:
Not applicable
Not applicable
Pictograms:
Not applicable

Precautionary statements:

Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable
Hazards not otherwise classified:: None
Toxicity statement: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

	Conc.%	Cas #
Water	43.5%	7732-18-5
Cobalt Sulfate heptahydrate	.02%	10026-24-1
Calcium Chloride	35.8%	10043-52-4
Sodium Sulfate	.58%	7757-82-6
Magrnesium Sulphate Heptahydrate13.4%		10034-99-8
Attapulgite clay	6.7%	12174-11-7

4. FIRST AID MEASURES

Inhalation:

Not applicable

Ingestion: Drink water to dilute product. Rinse mouth

Skin contact: Wash off with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse.

Eye contact: Check for and remove contact lenses. Immediately flush eyes with gentle but large stream of water, lifting lower and upper cyclids occasionally.

General advice: Work cleanly.

Symptoms and effects: Not applicable

Immediate medical care/special treatment: Not applicable.

- 5. FIREFIGHTING MEASURES: Not applicable
- 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and protective equipment: Wipe up spills and rinse away residue. Avoid contact with eyes, skin and clothing.

Emergency procedures: Not applicable Methods of containment: Not applicable

Methods of cleanup: Wipe up spill and rinse away residue.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Storage: Store in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTEDCTION

Exposure limits: No information found Product: No information found

Components: Cobalt Sulfate, LD50-orl-rat: 768Mg/Kg.

Engineering controls: Not applicable Personal protective measures:

Eye/face protection: Wear safety glasses. Skin protection: Wash off with water. Respiratory protection: Not applicable

Specific requirements for personal protective equipment: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tan/light green fluid gel

Odor: none

Formula weight: Mixture pH: slightly alkaline

Melting /freezing point: below that of water

Boiling point range: over 100 c

Decomposition temperature: Not applicable

Flash point: Not applicable

Auto-ignition temperature: Not applicable

Flammability: Not applicable

Flammability/explosive limits: Not applicable

Solubility: Miscible with water

Vapor pressure: less than that of water

Vapor density: Not applicable

Specific gravity: 1.45

Evaporation rate: no information found.

Viscosity: soft gel

Partition coefficient, (n-octanol/water) no information found.

10. STABILITY AND REACTIVITY

Reactivity Data: No information found

Chemical stability: Stable Conditions to avoid: none Incompatible materials: none Hazardous decomposition products: none

Possibility of hazardous reactions: Not applicable

Hazardous Polymerization: Not applicable

11. TOXICOLOGICAL INFORMATION

Routes of exposure: ingestion, skin contact, eye contact

Acute effects:

irritation if ingested, or in contact with skin or eyes.

Chronic effects:

not applicable

Toxicological Data:

Product:

No information found

Components: Cobalt Sulfate Heptahydrate, (.02% of product) orl-rat LD50: 768Mg/Kg.

Symptoms of exposure: irritation Carcinogenic effects: None

16. OTHER INFORMATION

Issue date: March 23, 2015

Reason for revision: Updated to comply with Revised Hazard Communication Standard (HCS)

By Dale Peterson, Chemist

DISCLAIMER

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