1. IDENTIFICATION

FOR TREATMENT OF GRASS TETANY IN LIVESTOCK

Jorgensens Laboratories
1450 Van Buren Avenue
Loveland, CO 80537

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)

Product Codes: J-306

2. HAZARD(S) IDENTIFICATION

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Cas #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>93.0</td>
</tr>
<tr>
<td>Cobalt Sulphate Heptahydrate</td>
<td>10026-24-1</td>
<td>.008</td>
</tr>
<tr>
<td>BASF's Lutavit ELB ADE, 400/100/100</td>
<td>.006</td>
<td></td>
</tr>
<tr>
<td>Choline Chloride</td>
<td>67-48-1</td>
<td>3.3</td>
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<tr>
<td>Hydroxypropylcellulose</td>
<td>9004-64-2</td>
<td>.60</td>
</tr>
<tr>
<td>Methionine</td>
<td>59-51-8</td>
<td>1.43</td>
</tr>
<tr>
<td>Niacin</td>
<td>59-67-6</td>
<td>1.64</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

Eye contact: Hold eyelids apart and flush eye with plenty of low pressure water. (remove contact lenses)

5. FIRE-FIGHTING MEASURES

Not applicable

6. ACCIDENTAL RELEASE MEASURES

Cover with absorbent material and sweep up. Incinerate or bury away from water supplies in accordance with local regulations.

7. HANDLING AND STORAGE

Store in original container horizontally.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Work practice and engineering controls: Clean up spills immediately.
General hygienic practices: Avoid contact with eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Boiling point (F): 370
- Solubility in water: complete over time
- Appearance: brown/yellow gel
- Specific gravity: 1.1
- Percent volatile: 93%
- Evaporation rate: very slow

10. STABILITY AND REACTIVITY

Stable
Conditions to avoid: Spills will be slippery
11. TOXICOLOGICAL INFORMATION
Not toxic, an irritant, nor mutagenic.

16. OTHER INFORMATION
Issue date: April 2, 2015
Reason for revision: Updated to comply with Revised Hazard Communication Standard (HCS)
By Dale Peterson, Chemist

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