

## Equine- Liniment Rub

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Equine- Liniment Rub  
**SDS Number:** DAV1288  
**Product Code:** E.LR4.5  
**Revision Date:** 11/01/2022  
**Version:** 1  
**CAS Number:** Contains CAS numbers 64-17-5 and 84696-19-5  
**EPA Number:** Not Applicable  
**Chemical Family:** Alcohols  
**Chemical Formula:** Gel  
**Product Use:** Equine Liniment Rub  
  
**Supplier Details:** Davis Manufacturing  
 541 Proctor Avenue  
 Scottdale, GA 30079  
  
**Contact:** Emergency Contact: Chem-Tel 800 255-3924  
**Phone:** 404 292-2424  
**Fax:** 404 292-3049  
**Email:** mail@davismfg.com  
**Web:** www.davismfg.com

Emergency Phone:  
 USA = 1 800 255-3924  
 International = +011 813 248-0585  
 service provided for Davis by Chem-Tel Inc.  
 under Contract # MIS0001878

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Aspiration hazard, 2  
 Physical, Flammable Liquids, 3  
 Health, Serious Eye Damage/Eye Irritation, 2 A

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



##### GHS Hazard Statements:

May be harmful if swallowed and enters airways  
 Flammable liquid and vapour  
 H319 - Causes serious eye irritation

##### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P234 - Keep only in original packaging.  
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

#### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Inhalation: Moderate  
 Ingestion: Moderate  
 Skin: Mild  
 Eyes: Moderate

**Target Organs:** Eyes, Respiratory Tract, Lungs  
**Inhalation:** May cause dizziness and headache, incoordination, drowsiness, or fatigue.  
**Skin Contact:** May cause irritation. Repeated or prolonged contact may result in redness, itching, or inflammation.  
**Eye Contact:** May cause irritation. Direct contact with eyes may cause irritation, pain, or possible corneal damage  
**Ingestion:** May cause nausea.

Use Safety Glasses or Goggles and Gloves

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

| Chemical Name          | CAS Number | Percent by Weight |
|------------------------|------------|-------------------|
| Witch Hazel Distillate | 84696-19-5 | 45-55%            |
| Ethyl Alcohol          | 64-17-5    | 35-45%            |
| Menthol Crystals       | 2216-51-5  | 1-10%             |

### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Get medical attention if irritation or symptoms occurs.  
**Skin Contact:** Flush contaminated skin with water. Seek medical attention if irritation persists after washing.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.  
**Ingestion:** Drink two glasses of water. Do not induce vomiting except on the advice of a physician.

Medical Conditions Generally Aggravated by Exposure:  
Chronic dermal, eye disorders, pre-existing respiratory disorders. Get medical attention if any discomfort continues.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Flammable Liquid and vapor  
**Flash Point:** 77.1°F /25.05°C  
**Flash Point Method:** Closed Cup

Extinguishing Media: water spray, fog or mist, or dry Chemical or Foam  
Unusual Fire & Explosion Hazards: Vapors may travel or move by air currents to an ignition source and flash back.

### 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, or mist. Ventilate the area. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8.

Environmental precautions: Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure washings enter the drain only when very dilute.

Methods and material for containment and cleaning up: Stop spill at source if safe to do so. Contain spill and pump liquid into a suitable container or absorb with an inert absorbent and place in a suitable container. Clean spill area with water.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Consider normal working hygiene. Avoid contact with eyes, skin, or clothing. Keep away from sources of ignition. Keep material out of reach of children.  
**Storage Requirements:** Store in original, closed container. Keep away from heat, sparks, and flames. Keep away from children.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** None needed for mixture under normal conditions of use  
**Personal Protective Equipment:** Gloves; Goggles;  
Gloves and goggles not normally needed for limited use by end user. Use caution to avoid getting in eyes.

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| <b>9</b> | <b>PHYSICAL AND CHEMICAL PROPERTIES</b> |
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| <b>Appearance:</b>            | Green                   | <b>Odor:</b>                 | Mint odor                                   |
| <b>Physical State:</b>        | Liquid                  | <b>Solubility:</b>           | Soluble in ethanol<br>Less soluble in water |
| <b>Odor Threshold:</b>        | N/A                     | <b>Freezing/Melting Pt.:</b> | Not Available                               |
| <b>Spec Grav./Density:</b>    | .91 SG/ 7.42 Lb per Gal | <b>Flash Point:</b>          | 77.1°F / 25.05°C                            |
| <b>Viscosity:</b>             | N/A                     | <b>Vapor Density:</b>        | Not Available                               |
| <b>Boiling Point:</b>         | Not Available           | <b>Auto-Ignition Temp:</b>   | N/A   |
| <b>Partition Coefficient:</b> | N/A                     | <b>UFL/LFL:</b>              | N/A   |
| <b>Vapor Pressure:</b>        | Not Available           |                              |   |
| <b>pH:</b>                    | 7-7.5                   |                              |   |
| <b>Evap. Rate:</b>            | N/A                     |                              |   |
| <b>Decomp Temp:</b>           | N/A                     |                              |   |

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| <b>10</b> | <b>STABILITY AND REACTIVITY</b> |
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| <b>Reactivity:</b>               | No data available   |
| <b>Chemical Stability:</b>       | Product is stable under normal conditions.  |
| <b>Conditions to Avoid:</b>      | Avoid extremely high temperatures, flames, sparks, and other sources of ignition.                         |
| <b>Materials to Avoid:</b>       | Oxidizing agents, and acids. Do not store in contact with Iron, Zinc, Aluminium, Copper, or their alloys. |
| <b>Hazardous Decomposition:</b>  | May release unburned hydrocarbon fumes and carbon oxides at elevated temperatures.                        |
| <b>Hazardous Polymerization:</b> | Will not occur.   |

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| <b>11</b> | <b>TOXICOLOGICAL INFORMATION</b> |
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**Potential Health Effects:**

**Eyes:** Causes irritation.

**Skin:** May cause mild irritation on prolonged contact

**Ingestion:** May cause nausea.

**Inhalation:** May cause mild irritation.

**Chronic Health Effects:** None expected under normal use.

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| <b>12</b> | <b>ECOLOGICAL INFORMATION</b> |
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Unknown for mixture

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| <b>13</b> | <b>DISPOSAL CONSIDERATIONS</b> |
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Dispose of in accordance with prevailing local, state and federal regulations.

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| <b>14</b> | <b>TRANSPORT INFORMATION</b> |
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UN1170, Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions, 3, PG III

DOT Shipping Name: UN1170, Ethanol Solution, 3, PGIII (In smaller sizes may be Limited Quantity/ LTD QTY)



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| <b>15</b> | <b>REGULATORY INFORMATION</b> |
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Ethanol (64-17-5 n/a%) MASS, OSHAWAC, PA, TXAIR  
REGULATORY KEY DESCRIPTIONS

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MASS = MA Massachusetts Hazardous Substances List  
OSHA = OSHA Workplace Air Contaminants

**BE SAFE: READ OUR PRODUCT SAFETY INFORMATION AND PASS IT ON.**

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