ZEP ALUME-E™
Economical Aluminum Cleaner and Brightener

DESCRIPTION
A heavy-duty, fast acting, liquid, aluminum trailer cleaner and brightener. Zep Alume-E contains a potent blend of mineral acids, wetting agents, emulsifiers and butyl solvent for extra grease cutting power.

FEATURES BENEFITS
• Formulated with aggressive mineral acids
• Contains butyl
• Economical
• Versatile application

• Zep Alume-E removes road film, diesel smoke, and brightens aluminum with minimal brushing.
• Zep Alume-E effectively degreases underbodies of vehicles.
• Zep Alume-E may be diluted at one part product to up to 50 parts water.
• Zep Alume-E may be foamed on or applied through low-pressure sprayer.

Note: Zep’s Product Care Program requires Zep Sales Representative and their Customers be certified in proper handling and use of this product as it contains HF.

APPLICATIONS
Zep Alume-E is specifically for cleaning both over the road and delivery trailers made of unpainted aluminum.

NOTE: Do not use on highly polished metal surfaces. Keep product off glass, fiberglass and painted surfaces.

COMPANION PRODUCTS
Zep High pH Presoak, Zep Spectra Shine, Zep Foaming Clear Coat Protectants, Zep Best Dressed Express, Zep Air Fair Fragrances, Zep Lemongrass Extract It Plus, Zep Protect All

SPECIFICATIONS
<table>
<thead>
<tr>
<th>Physical Form</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>sour, acidic</td>
</tr>
<tr>
<td>Color</td>
<td>clear, colorless</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.06</td>
</tr>
<tr>
<td>Flash point (TCC)</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>1 year minimum</td>
</tr>
<tr>
<td>D.O.T. Shipping Label</td>
<td>Corrosive liquid/Poisonous</td>
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</tbody>
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PACKAGING
4 gallon case
5 gallon pail
20 gallon container
55 gallon container

Zep Sales & Service, a unit of Zep Inc.
1-877-I BUY ZEP
(1-877-428-9937)
NEW FAST ACTING FORMULATION PRODUCES GREATER BRIGHTNESS IN SECONDS
HIGHLY CONCENTRATED - CAN BE DILUTED UP TO 50 TIMES FOR USE

ZEP-A-LUME-E™ is a concentrated liquid cleaning compound designed to clean and brighten aluminum. Formulated from unique brightening agents, ZEP-A-LUME-E™ removes all kinds of dirt, grime, rust, tar and oil from both new and used aluminum surfaces. The ZEP-A-LUME-E™ formula lowers the time required to brighten a trailer. Due to the fast action of ZEP-A-LUME-E™, a trailer can be rinsed within 15 seconds after application.

APPLICATION
Application by spraying is highly recommended, since the time required for cleaning and brightening is cut to one-fourth that required by brushing. The brightener is completed.

Apply the diluted ZEP-A-LUME-E to the surface of the trailer with a brush or by spraying, working from the bottom upwards to avoid streaking. If a brush is used, apply the ZEP-A-LUME-E in a thin, even line with a sweeping motion. Equipment and damage to concrete and metal surfaces. Should product accidentally contact any of these surfaces, flush immediately with water. Repeated use of this product can cause degradation of metal surfaces. Never allow runoff to contact such surfaces, as irreversible damage or dulling may occur. Keep product off glass, fiberglass, ceramic surfaces and painted wood.

ZEP-A-LUME-E is a concentrate and MUST be diluted before use. One volume of ZEP-A-LUME-E may be diluted with 5 to 50 volumes of water. An initial dilution of 1:10 (i.e. 1 cup ZEP-A-LUME-E to 9 cups water) is recommended, followed by regular cleaning at 1 part to 50 parts water or 1:100 ratio of ZEP-A-LUME-E to water. Apply the diluted ZEP-A-LUME-E to the trailer and rinse with clean water. Do not soak container. Excess product is to be drained before continuing on to the next portion. This is to prevent the trailer from becoming too slippery, and to ensure thorough rinsing.

If application of ZEP-A-LUME-E is not thorough, the trailer can be rinsed with hot water using a pressure washer. This operation takes 10 seconds after application of the brightener is completed. Application to aluminum is highly recommended, especially in areas prone to rusting. Avoid splashing water into the eyes while handling and washing the trailer. DO NOT reapply the ZEP-A-LUME-E while the trailer is wet.

DISPOSAL AND/OR SPILL INFORMATION

INFORMATIONAL: Not for use on aircraft or aircraft materials. DO NOT use this product on anodized or highly-polished metal surfaces (including stainless steel and aluminum) or allow runoff to contact such surfaces, as irreversible damage or dulling may occur.

PRECAUTIONS:

- Avoid contact with eyes, mouth, or skin. Keep out of reach of children. Not for household use on retail.

- Use in well-ventilated areas. Use only with adequate ventilation. Use of protective equipment is necessary.

- Do not use this product in areas with petroleum-based fuel and oil. Do not use near flammable materials.

- Keep out of reach of children. Not for household use on retail.

- This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

ZEP-A-LUME-E
Super Aluminum Cleaner & Brightener

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