### Section I – Product Identification

**TRADE NAME:** HEADLIGHT CLEANER / POLISH

Manufacturer’s Name: ZAK Products  
720 Industrial Boulevard, Grapevine, Texas 76051  

24 HOUR EMERGENCY RESPONSE PHONE NUMBER: INFOTRAC 800-535-5053  
Manufacturer phone number for product information: (972) 739-0300

### Section II – Hazardous Ingredients/Identity Information

Per Section 29 CFR 1910.1200 material is classified as proprietary in nature.

<table>
<thead>
<tr>
<th>TRADE SECRET</th>
<th>PROPRIETARY FORMULA</th>
</tr>
</thead>
</table>

### Section III – Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Boiling Point (°C)</th>
<th>Specific Gravity (H2O = 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>95-100</td>
<td>1.12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor Pressure (mm Hg.)</th>
<th>Melting Point (°C)</th>
<th>Evaporation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>Very Slow</td>
</tr>
</tbody>
</table>

Solubility in Water: Yes

Appearance and Odor: Blue Paste / Slight Ammonia Odor

### Section IV – Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-flammable</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

### Section V – Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>X</td>
<td>None</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition or Byproducts: May Occur

Polymerization: Will Not Occur
Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
May severely irritate eyes
Repeated skin contact can cause dryness, itching, and redness (dermatitis)
Breathing the material may irritate the nose, throat, and lungs.
High exposure may affect the nervous system causing headache, nausea, weakness, disorientation, drowsiness, and even coma
May irritate gastrointestinal system

Health Hazards (Acute and Chronic)
LD/LC50 values that are relevant for classification: 64742-48-9 Naphtha (petroleum), hydrotreated heavy
LD50 >3000mg/kg(rabbit) LD50>5000mg/kg(rat)

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
N/A N/A N/A

Signs and Symptoms of Exposure:
Prolonged contact with eyes and mucous membranes may cause irritation.

Medical Conditions
Generally Aggravated by Exposure See Above

Emergency and First Aid Procedures:
Emulsion is non-poisonous. In case of contact with eyes and/or mucous membranes, flush with water for several minutes. If irritation persists, seek medical attention.

Section VII – Precautions for Safe Handling and Use
Steps to Be Taken in Case Material is Released or Spilled:
Wipe up with towel.

Water Disposal Method:
No special precautions needed.

Precautions to Be Taken in Handling and Storing
Handle and store with adequate ventilation and always wear protective gloves.

Other Precautions
None

Section VIII – Control Measures
Respiratory Protection (Specify Type)
None

Ventilation Local Exhaust Special
Required Mechanical Exhaust and/or respiratory protection is required if local exhaust cannot maintain exposure levels below permissible exposure limits.

-------------------------------------------------------------------------------
Mechanical (General) Other

Protective Gloves Eye Protection
Required for hand protection Safety glasses with side shields should be worn for eye protection

Other Protective Clothing or Equipment
None

Work/Hygienic Practices
None
MATERIAL SAFETY DATA SHEET
ZAK Headlight Restoration Kit

PRODUCT CODE: HLK5000

Revision Date: 12/15/2009

Section I – Product Identification

TRADE NAME: WATERBASE PRETREATMENT

24 HOUR EMERGENCY RESPONSE PHONE NUMBER:
ZAK Products INFOTRAC 800-535-5053
720 Industrial Boulevard Manufacturer phone number for product information.
Grapevine, Texas 76051 (972) 739-0300

Section II – Hazardous Ingredients/Identity Information

Per Section 29 CFR 1910.1200 material is classified as proprietary in nature.
TRADE SECRET PROPRIETARY FORMULA

Section III – Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Flammable Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-flammable</td>
<td>Non-ignitable</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

Extinguishing Media

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

N/A

Section IV – Reactivity Data

Stability Unstable Conditions to Avoid

Stable X None

Incompatibility (Materials to Avoid) Avoid contact with oxidizers, strong acids, soft metals.

Hazardous Decomposition or Byproducts: Non-hazardous

Hazardous Polymerization: Will Not Occur

Section V – Health Hazard Data & First Aid

NO ACUTE HAZARDS NOTED. NO CHRONIC HAZARDS NOTED

Emergency and First Aid Procedures:

Material is non-poisonous and non-hazardous. In case of contact with eyes and/or mucous membranes, flush
with water for several minutes. If irritation persists, seek medical attention. If irritation of skin occurs, wash
with mild soap and water. If irritation persists, seek medical attention. If swallowed in large amounts
immediately give 2 glasses of water orally and induce vomiting. If person is unconscious, do not give anything
by mouth. Seek medical attention immediately. For inhalation, move to fresh air. Seek medical attention if
symptoms persist.
Section VI – Precautions for Safe Handling and Use

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

- Wipe up with absorbent material or cloth and dispose of with other solid waste.

Continuation MSDS: WATERBASED PRETREATMENT

Water Disposal Method:

- No special precautions needed.

Precautions to Be Taken in Handling and Storing

- No special precautions needed.

Other Precautions: Wear gloves if sensitive to materials. Wear protective goggles if spraying.
Section I – Product Identification

TRADE NAME: SHINE RESTORER/PROTECTOR

Manufacturer’s Name: ZAK Products
Address: 720 Industrial Boulevard, Grapevine, Texas 76051
Phone: (972) 739-0300

24 HOUR EMERGENCY RESPONSE PHONE NUMBER:
INFOTRAC     800-535-5053

Section II – Hazardous Ingredients/Identity Information

Per Section 29 CFR 1910.1200 material is classified as proprietary in nature.
TRADE SECRET PROPRIETARY FORMULA
This product contains no reported carcinogens or suspected carcinogens.

Section III – Fire and Explosion Hazard Data

Flash Point: 201.0 F Non-flammable Flammable Limits: N/A Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A Unusual Fire and Explosion Hazards: N/A

Section IV – Reactivity Data

Stability: Stable Incompatibility (Materials to Avoid): None reasonably foreseeable.

Hazardous Decomposition or Byproducts: Incomplete combustion can produce carbon monoxide.

Hazardous Polymerization: None under normal conditions.

Section VI – Health Hazard Data and First Aid Procedures

EFFECTS OF EXCESSIVE OVEREXPOSURE. PRIMARY ROUTES OF ENTRY ARE:

- EYE CONTACT: Direct contact with product may cause irritation.
- SKIN CONTACT: Prolonged or repeated contact with product may cause mild irritation.
- INHALATION: Prolonged overexposure to vapors or dust in poorly ventilated areas may cause nose and throat irritation.
- INGESTION: May cause mouth, throat, esophagus and stomach irritation, nausea, vomiting and diarrhea.

EMERGENCY FIRST AID PROCEDURES:
In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water while removing contaminated clothing and shoes. Wash contaminated clothing. Thoroughly clean contaminated shoes. If affected by inhalation of vapors or spray mist, remove to fresh air. If symptoms persist, seek medical attention. If swallowed, get medical attention immediately.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:
Contain and remove with inert absorbent material or wipe up with paper towels and dispose.

Water Disposal Method:
No special precautions needed. 100% water soluble.

Precautions to Be Taken in Handling and Storing:
See Control Measures below SECTION VIII
Other Precautions:
Do not take internally. Wash hands after using and before eating.

KEEP OUT OF REACH OF CHILDREN

Section VIII – Control Measures

Respiratory Protection: None necessary for normal handling where there is adequate ventilation. Avoid breathing mist. If sprayed, wear mechanical filter respirator to remove solid particles of overspray. Follow respirator manufacturers directions for respirator use.

Ventilation: None necessary for normal handling where there is adequate ventilation.

Gloves: If there is potential for prolonged or repeated skin contact, wear vinyl gloves for the duration of anticipated exposure.

Eye Protection: Avoid eye contact. Use safety eyewear with splash guards or side shields if possibility of mist or splashing can occur.

Other Protective Equipment: None normally required.