



# MATERIAL SAFETY DATA SHEET

## ZAK Headlight Restoration Kit

PRODUCT CODE: HLK5000

Revision Date: 12/15/2009

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### Section I – Product Identification

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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

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### Section II – Hazardous Ingredients/Identity Information

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

TRADE SECRET

PROPRIETARY FORMULA

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### Section III – Physical/Chemical Characteristics

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|                         |                                  |   |           |
|-------------------------|----------------------------------|---|-----------|
| Boiling Point           | 95-100 C                         | Specific Gravity (H2O =1)               | 1.12      |
| Vapor Pressure (mm Hg.) | N/A                              | Melting Point                           | N/A       |
| Vapor density (AIR = 1) | N/A                              | Evaporation Rate<br>(Butyl Acetate = 1) | Very Slow |
| Solubility in Water     | Yes                              |   |           |
| Appearance and Odor     | Blue Paste / Slight Ammonia Odor |   |           |

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### Section IV – Fire and Explosion Hazard Data

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|                                    |                  |     |     |
|------------------------------------|------------------|-----|-----|
| Flash Point (Method Used)          | Flammable Limits | LEL | UEL |
| Non-flammable                      | N/A              | N/A | N/A |
| Extinguishing Media                |                  |     |     |
| N/A                                |                  |     |     |
| Special Fire Fighting Procedures   |                  |     |     |
| N/A                                |                  |     |     |
| Unusual Fire and Explosion Hazards |                  |     |     |
| N/A                                |                  |     |     |

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### Section V – Reactivity Data

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|  |                |                     |
|--|----------------|---------------------|
| Stability                                    | Unstable       | Conditions to Avoid |
|  | Stable         | X      None         |
| Incompatibility ( Materials to Avoid)    N/A |                |                     |
| Hazardous Decomposition or Byproducts        |                |                     |
| Hazardous                                    | May Occur      | Conditions to Avoid |
| Polymerization                               | Will Not Occur | X      None         |

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**Section VI – Health Hazard Data**

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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

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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)

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

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

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Medical Conditions  
Generally Aggravated by Exposure              See Above

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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.

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**Section VII – Precautions for Safe Handling and Use**

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Steps to Be Taken in Case Material is Released or Spilled:  
Wipe up with towel.

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Water Disposal Method:  
No special precautions needed.

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

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Other Precautions  
None

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**Section VIII – Control Measures**

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Respiratory Protection (Specify Type)  
None

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|             |                      |  |
|-------------|----------------------|--|
| 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  |

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

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Other Protective Clothing or Equipment  
None

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Work/Hygenic Practices  
None

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# MATERIAL SAFETY DATA SHEET

## ZAK Headlight Restoration Kit

PRODUCT CODE: HLK5000

Revision Date: 12/15/2009

### Section I – Product Identification

TRADE NAME: WATERBASE PRETREATMENT

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.

TRADE SECRET

PROPRIETARY FORMULA

### Section III – Fire and Explosion Hazard Data

Flash Point

Non-flammable Non-ignitable

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

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.

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**Section VI – Precautions for Safe Handling and Use**

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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.

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Page 1 of 2

Continuation MSDS: WATERBASED PRETREATMENT

Water Disposal Method:

No special precautions needed.

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Precautions to Be Taken in Handling and Storing

No special precautions needed.

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Other Precautions: Wear gloves if sensitive to materials. Wear protective goggles if spraying.



# MATERIAL SAFETY DATA SHEET

## ZAK Headlight Restoration Kit

PRODUCT CODE: HLK5000

Revision Date: 12/15/2009

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### Section I – Product Identification

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TRADE NAME: **SHINE RESTORER/PROTECTOR**

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

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### Section II – Hazardous Ingredients/Identity Information

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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.

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### Section III – Fire and Explosion Hazard Data

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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

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### Section IV – Reactivity Data

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Stability : Stable

Incompatibility (Materials to Avoid): None reasonably foreseeable.

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

**Hazardous Polymerization:** None under normal conditions.

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### Section VI – Health Hazard Data and First Aid Procedures

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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.

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### Section VII – Precautions for Safe Handling and Use

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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

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**Other Precautions:**

Do not take internally. Wash hands after using and before eating.

KEEP OUT OF REACH OF CHILDREN

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**Section VIII – Control Measures**

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**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.

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