

Headlight Polish #37004, 4oz

Date of Issue: September 25, 2017

Revision Date: January 24, 2018

Revision: 0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| | |
|---------------|------------------|
| Chemical Name | Mixture |
| Trade Name | Headlight Polish |
| CAS No. | Mixture |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|----------------------|-----------------------------|
| Identified Use(s) | Polish for headlight lenses |
| Uses Advised Against | None |

Details of the supplier of the safety data sheet

| | |
|------------------------|---|
| Company Identification | Treatment Products Ltd. 4701 W. Augusta Blvd. Chicago, IL 60651 United States of America |
| Telephone | 773-626-8888; M-F 8:00 AM-5:30 PM EST |
| Fax | 773-626-6200 |

Emergency telephone number

| | |
|---------------------|--|
| Emergency Phone No. | Infotrac 24 hr.: 1 (800) 535-5053; International: +1 (352) 323-3500. |
|---------------------|--|

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

| | |
|-----------------------------|-------------------------------------|
| OSHA HCS (29 CFR 1910.1200) | Skin Irrit. 2; STOT SE 3; STOT RE 1 |
|-----------------------------|-------------------------------------|

Label elements

Hazard Symbol(s)



DANGER

Signal Word(s)

Hazard Statement(s)

Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Causes damage to central nervous system through prolonged or repeated exposure

Precautionary Statement(s)

Do not breathe dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands and exposed skin after use.
Do not eat, drink or smoke when using this product.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
IF INHALED: Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
IF SWALLOWED: Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

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Other hazards

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Composition/information on ingredients | %W/W* | CAS No. | Hazard classification |
|--|-------|------------|--|
| Stoddard solvent*** | 5-10 | 8052-41-3 | Flam. Liq. 3; H226 Skin Irrit. 2; H315 Asp. Tox. 1; H304 STOT SE 3; H336 STOT RE 1; H372 Aquatic Acute 2; H401 Aquatic Chronic 2; H411 |
| Kerosine (Petroleum) Hydrodesulfurized** | 1-5 | 64742-81-0 | Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411 |
| Paraffin oils (petroleum), catalytic dewaxed light | 1-5 | 64742-71-8 | Asp. Tox. 1; H304 |
| Diethanolamine | <1 | 111-42-2 | Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT RE 2; H373 Aquatic Chronic 3; H412 Aquatic Acute 3; H402 |

Additional Information –

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

**Contains: Naphthalene (CAS No. 91-20-3) < 0.04%; Xylene (CAS No. 1330-20-7), < 0.04%; Ethylbenzene (CAS No., 100-41-4), <0.04%

***Contains: Trimethylbenzene (CAS No. 25551-13-7), < 0.53%; Xylene (CAS No. 1330-20-7), 0.11%; Cumene (CAS No., 98-82-8), <0.07%; Ethylbenzene (CAS No., 100-41-4), <0.07%

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash with plenty of soap and water. Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

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Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Causes damage to central nervous system through prolonged or repeated exposure

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray. None anticipated.

Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours. Carbon monoxide, Carbon dioxide, siloxanes.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition. Wear protective gloves/eye protection/face protection. Avoid contact with skin and eyes.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store at room temperature. Avoid contact with heat and ignition sources and oxidizers.

Specific end use(s)

Polish for headlight lenses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

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| SUBSTANCE. | CAS No. | (8hr TWA) | | (STEL) | | Note: |
|-----------------|------------|------------|--------------------------------|------------|-------------|----------|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| Kerosene | 64742-81-0 | ----- | 200 mg/m ³ (THV) | ----- | ----- | Kerosene |
| Triethanolamine | 102-71-6 | ----- | 5 mg/m ³ | ----- | ----- | |
| Diethanolamine | 111-42-2 | ----- | 1 mg/m ³ (IFV) | ----- | ----- | A3 |

Assure minimum oxygen content of work atmosphere. . (IFV) Inhalable Fraction and Vapor. A3 - Confirmed Animal Carcinogen

Recommended monitoring method

NIOSH 1550 (Naphthas); NIOSH 3509 (Triethanolamine); NIOSH 3509 (Diethanolamine)

Appropriate engineering controls

Not normally required.

Personal protection equipment

The following to be used as necessary:

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Appearance | Liquid |
| Color. | Light Blue |
| Odor | Slight |
| Odor Threshold (ppm) | Not available. |
| pH (Value) | 7.1 to 9.1 [Conc. (% w/w): 100% |
| Melting Point (°C) / Freezing Point (°C) | Not available. |
| Boiling point/boiling range (°C): | Not available. |
| Flash Point (°C) | > 93 (> 199.4 °F) |
| Evaporation Rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Explosive Limit Ranges | Not applicable. |
| Vapour pressure (hPa) | Not available. |
| Vapour Density (Air=1) | Not available. |
| Density (g/ml) | Not available. |
| Solubility (Water) | Insoluble |
| Solubility (Other) | Not available. |
| Partition Coefficient (n-Octanol/water) | Not available. |

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| | |
|----------------------------------|----------------|
| Auto Ignition Point (°C) | Not available. |
| Decomposition Temperature (°C) | Not available. |
| Kinematic Viscosity (cSt) @ 40°C | 6,000-10,000 |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |

Other information Not available.

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | Stable under normal conditions. |
| Chemical stability | Stable. |
| Possibility of hazardous reactions | None anticipated. |
| Conditions to avoid | Incompatible materials. |
| Incompatible materials | Avoid contact with heat and ignition sources and oxidizers. |
| Hazardous decomposition product(s) | Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms: oxides of carbon, siloxanes |

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Petroleum Distillates (CAS No. Trade Secret):

| | |
|--|--|
| Acute toxicity (calculated / estimated) | Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness. |
| Irritation/Corrosivity | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. |
| Sensitization | It is not a skin sensitizer. |
| Repeated dose toxicity | Not to be expected. - Oral: NOEL 750 mg/kg - Dermal: NOEL 0.5 ml/kg bw - Inhalation: NOEL ≥1000 mg/m3 |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No. | No. | No. | No. |

| | |
|------------------------------|--------------------|
| Mutagenicity | Not to be expected |
| Reproductive toxicity | Not to be expected |

Stoddard solvent (CAS No. 8052-41-3) - By analogy with similar materials:

| | |
|--|---|
| Acute toxicity (calculated / estimated) | Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 > 5260 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness. |
| Irritation/Corrosivity | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. |
| Sensitization | It is not a skin sensitizer. |

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Repeated dose toxicity

Oral: NOEAL = 750 mg/kg
Dermal: NOEAL = 0.5 ml/kg bw
Inhalation: NOAEC = 9840 mg/m³*

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA |
|-----|------|-------|------|
| No. | No. | No. | No. |

Mutagenicity

Not to be expected

Reproductive toxicity

Not to be expected

Additional Information

* A review of the epidemiological literature indicates prolonged and repeated exposure to high concentrations of white spirits with the Aliphatic hydrocarbons (Stoddard Solvent), CAS No. (8052-41-3), is considered to have chronic adverse effects on the central nervous system.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Petroleum Distillates (CAS No. Trade Secret):

Short term

LC50 (96 hour): 2.5 mg/L (fish)
EC50 (48 hour): 1.4 mg/L (crustacea)
EC50 (72 hour): 1.3 mg/L (algae)

Long Term

NOEC (28 days): 0.098 mg/L (fish)
LOEC (21 days): 1.2 mg/L (crustacea)
LOEL (72 hour): 1 mg/L (algae)

Persistence and degradability

Biodegradable

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

Stoddard solvent (CAS# 8052-41-3) - By analogy with similar materials:

Short term

LL50 (96 hour): 8.2 mg/L (*Pimephales promelas*)
EL50 (48 hour): 4.5 mg/l (*Daphnia magna*)
EL50 (72 hour): 3.1 mg/l (*Pseudokirchnerella subcapitata*)

Long Term

EL50 (21 days): 10 mg/l (*Daphnia magna*)
EL50 (72 hour): 3.1 mg/l (*Pseudokirchnerella subcapitata*)

Persistence and degradability

Biodegradable

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

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SECTION 14: TRANSPORT INFORMATION

| | Land transport (U.S. DOT) | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|------------------------------|------------------------------|--|------------------------------|
| UN number | | | |
| Proper Shipping Name | | Not classified as dangerous for transport. | |
| Transport hazard class(es) | | | |
| Packing group | | | |
| Environmental hazards | | | |
| Special precautions for user | | | |

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---------------|---------|--------------|-------------|
| None | ----- | ----- | ----- |

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No. | Typical %wt. |
|---------------|---------|--------------|
| None | ----- | ----- |

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) | TPQ (Pounds) |
|---------------|---------|--------------|-------------|--------------|
| None | ----- | ----- | ----- | ----- |

Proposition 65 (California):

| Chemical Name | CAS No. | Typical %wt. | Hazards |
|----------------|----------|--------------|----------------|
| Diethanolamine | 111-42-2 | Carcinogen | Diethanolamine |

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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Hazard Statement(s) Listed in: SECTION 3

- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H226: Flammable liquid and vapour.
- H336: May cause drowsiness or dizziness.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H401: Toxic to aquatic life.
- H402: Harmful to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.
- H412: Harmful to aquatic life with long lasting effects.

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Training advice: None.

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