

## Klean Strip Odorless Mineral Spirits

Printed: 10/23/2014

Revision: 09/08/2014

Supersedes Revision: 06/04/2010

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Klean Strip Odorless Mineral Spirits

**Reference #:** 1631.1

**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113

**Phone Number:** (901)775-0100

**Web site address:** www.wmbarr.com

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346  
**Information:** W.M. Barr Customer Service (800)398-3892

**Intended Use:** Paint, stain, and varnish thinning.

**Synonyms:** GKSP94006P, QKSP94005, QKSP94205, GKSP94006, GKSP94214

## 2. HAZARDS IDENTIFICATION

Aspiration Toxicity, Category 1

Flammable Liquids, Category 3

**GHS Signal Word:****Danger****GHS Hazard Phrases:**

H304: May be fatal if swallowed and enters airways.

H226: Flammable liquid and vapor.

**GHS Precaution Phrases:**

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P243: Take precautionary measures against static discharge.

P242: Use only non-sparking tools.

**GHS Response Phrases:**

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

P370+378: In case of fire, use dry chemical to extinguish.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**GHS Storage and Disposal Phrases:**

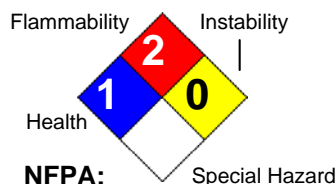
P405: Store locked up.

P501: Dispose of contents/container according to local, state and federal regulations.

P403+235: Store in cool/well-ventilated place.

**Hazard Rating System:**

|              |   |   |
|--------------|---|---|
| HEALTH       | * | 1 |
| FLAMMABILITY |   | 2 |
| PHYSICAL     |   | 0 |
| PPE          |   | X |

**HMIS:****OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

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**Potential Health Effects  
(Acute and Chronic):****Inhalation Acute Exposure Effects:**

Vapor concentration may cause headache, dizziness, irritation of the respiratory tract, eye irritation, stupor, depression of the central nervous system, watering of the eyes, weakness, nausea, muscle twitches, and kidney effects. Aspiration into lungs may cause pneumonia or death. Severe overexposure may cause convulsions, unconsciousness, and death.

**Skin Contact Acute Exposure Effects:**

May cause irritation.

**Eye Contact Acute Exposure Effects:**

Liquid contact may cause irritation.

**Ingestion Acute Exposure Effects:**

Harmful or fatal if swallowed. May cause nausea, weakness, muscle twitches, gastrointestinal irritation, diarrhea, unconsciousness, and death.

**Chronic Exposure Effects:**

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Repeated or prolonged skin contact may cause redness, irritation, and scaling of the skin. May cause skin irritation, anemia, bone marrow damage, liver damage, and jaundice.

**Medical Conditions Generally** None known.

**Aggravated By Exposure:**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS #      | Hazardous Components (Chemical Name)      | Concentration |
|------------|---|---------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | 100.0 %       |

### 4. FIRST AID MEASURES

**Emergency and First Aid  
Procedures:****Inhalation:**

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

**Skin contact:**

Wash with soap and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact persists.

**Eye contact:**

Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

**Ingestion:**

Do not induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.

**Signs and Symptoms Of  
Exposure:**

Primary routes of exposure:

Inhalation, ingestion, and dermal.

**Note to Physician:**

Call your local poison control center for further instructions.

## 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
|  | NFPA Class II   |
| <b>Flash Pt:</b>                         | > 105.00 F  |
| <b>Explosive Limits:</b>                 | LEL: 0.8                      UEL: 6  |
| <b>Autoignition Pt:</b>                  | No data.  |
| <b>Suitable Extinguishing Media:</b>     | Use carbon dioxide, dry chemical powder, or foam.   |
| <b>Fire Fighting Instructions:</b>       | Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame. |
| <b>Flammable Properties and Hazards:</b> | No data available.  |

## 6. ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> | <p>Clean-up:<br/>Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources, keep flares, smoking or flames out of hazard area.</p> <p>Small spills:<br/>Take up the spilled liquid with sand, earth, or other noncombustible absorbent material and place in a plastic container where applicable.</p> <p>Large spills:<br/>Dike far ahead of spill for later disposal.</p> |
|---|---|

## 7. HANDLING AND STORAGE

|   |   |
|---|---|
| <b>Precautions To Be Taken in Handling:</b> | Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container. |
| <b>Precautions To Be Taken in Storing:</b>  | Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| CAS #  | Partial Chemical Name  | OSHA TWA | ACGIH TWA      | Other Limits |
|--|--|----------|----------------|--------------|
| 64742-47-8                                   | Hydrotreated light distillate (petroleum)  | No data. | TLV: 200 mg/m3 | No data.     |
| <b>Respiratory Equipment (Specify Type):</b> | For OSHA controlled work place and other regular users. Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors. |          |                |              |
| <b>Eye Protection:</b>                       | Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.  |          |                |              |
| <b>Protective Gloves:</b>                    | Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.  |          |                |              |
| <b>Other Protective Clothing:</b>            | Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly  |          |                |              |

## Klean Strip Odorless Mineral Spirits

Printed: 10/23/2014

Revision: 09/08/2014

Supersedes Revision: 06/04/2010

clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

**Engineering Controls  
(Ventilation etc.):**

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering -- Stop -- ventilation is inadequate. Leave area immediately.

**Work/Hygienic/Maintenance  
Practices:**

A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|   |   |              |           |
|---|---|--------------|-----------|
| <b>Physical States:</b>                   | [ ] Gas   | [ X ] Liquid | [ ] Solid |
| <b>Appearance and Odor:</b>               | Colorless to light yellow<br>Solvent odor       |              |           |
| <b>Melting Point:</b>                     | No data.  |              |           |
| <b>Boiling Point:</b>                     | 318.00 F - 354.00 F                             |              |           |
| <b>Autoignition Pt:</b>                   | No data.  |              |           |
| <b>Flash Pt:</b>                          | > 105.00 F                                      |              |           |
| <b>Explosive Limits:</b>                  | LEL: 0.8  | UEL: 6       |           |
| <b>Specific Gravity (Water = 1):</b>      | 0.78  |              |           |
| <b>Vapor Pressure (vs. Air or mm Hg):</b> | No data.  |              |           |
| <b>Vapor Density (vs. Air = 1):</b>       | 5 Air = 1                                       |              |           |
| <b>Evaporation Rate:</b>                  | No data.  |              |           |
| <b>Solubility in Water:</b>               | No data.  |              |           |
| <b>Solubility Notes:</b>                  | Very slightly soluble in cold water (<0.1% w/w) |              |           |
| <b>Percent Volatile:</b>                  | 100.0 % by weight.                              |              |           |
| <b>VOC / Volume:</b>                      | 780.0000 G/L                                    |              |           |
| <b>Additional Physical Information</b>    | Conductivity = <5 picosiemens/meter             |              |           |

**10. STABILITY AND REACTIVITY**

|   |   |                      |
|---|---|----------------------|
| <b>Stability:</b>                                 | Unstable [ ]  | Stable [ X ]         |
| <b>Conditions To Avoid - Instability:</b>         | No data available.  |                      |
| <b>Incompatibility - Materials To Avoid:</b>      | Incompatible with strong oxidizing agents.                            |                      |
| <b>Hazardous Decomposition Or Byproducts:</b>     | Thermal decomposition may produce carbon monoxide and carbon dioxide. |                      |
| <b>Possibility of Hazardous Reactions:</b>        | Will occur [ ]  | Will not occur [ X ] |
| <b>Conditions To Avoid - Hazardous Reactions:</b> | No data available.  |                      |

**SAFETY DATA SHEET**  
**Klean Strip Odorless Mineral Spirits**

Page: 5  
Printed: 10/23/2014  
Revision: 09/08/2014  
Supersedes Revision: 06/04/2010

**11. TOXICOLOGICAL INFORMATION**

**Toxicological Information:** No data available.

| CAS #      | Hazardous Components (Chemical Name)      | NTP  | IARC | ACGIH | OSHA |
|------------|---|------|------|-------|------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | n.a. | n.a. | A4    | n.a. |

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose in accordance with applicable local, state, and federal regulations.

**14. TRANSPORT INFORMATION**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Paint Related Material, Not Regulated

**DOT Hazard Class:**

**UN/NA Number:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Paint Related Material

EMS: F-E, S-E

**UN Number:**

1263

**Packing Group:**

III

**Hazard Class:**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Paint Related Material

Packaging Instructions: See IATA Dangerous Goods Regulations

**UN Number:**

1263

**Packing Group:**

III

**Hazard Class:**

**Additional Transport Information:**

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The shipper may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

**15. REGULATORY INFORMATION**

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

|   |                                   |
|---|-----------------------------------|
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Acute (immediate) Health Hazard   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Chronic (delayed) Health Hazard   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Fire Hazard                       |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Sudden Release of Pressure Hazard |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Reactive Hazard                   |

| CAS #      | Hazardous Components (Chemical Name)      | Other US EPA or State Lists   |
|------------|---|---|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |

**SAFETY DATA SHEET**  
**Klean Strip Odorless Mineral Spirits**

**Regulatory Information Statement:**

All components of this material are listed on the TSCA Inventory or are exempt.

**16. OTHER INFORMATION**

**Revision Date:** 09/08/2014

**Preparer Name:** W.M. Barr EHS Department (901)775-0100

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.