

SAFETY DATA SHEET

Section 1: Identification of the substance or mixture and of the supplier

Product name: Carbon Residue Reference Samples: Part# 73124

Ingredient name: C-18-C40

CAS #: 64742-59-2

Mixed Petroleum Hydrocarbons

MSDS date: 3/31/14

SDS Rev date: 2-17-17

Petroleum Analyzer Company

8824 Fallbrook Dr.

Houston, TX 77064

800-444-8378

In case of emergency, call (800) 424-9300

Section 2: Hazard Identification

HMIS Ratings: Health: 1; Flammability: 1; Reactivity: 0; Personal Protective Index: G

NFPA Ratings: Health: 0; Fire: 1; Reactivity : 0; No Specific Hazard

There are no hazardous ingredients listed for this product.

Section 3: Composition/information on ingredients

No data available

Section 4: First aid measures

First aid procedures for **Inhalation:**

If overexposure occurs, take individual to an area with fresh air. If breathing stops, administer artificial respiration.

First aid procedures for **Skin:**

Remove contaminated clothing as soon as possible. Wash any exposed skin thoroughly with soap and water. Consult a physician if irritation occurs. Launder contaminated clothing before reuse.

First aid procedures for **Eyes:**

Immediately wash with fresh water for at least 15 minutes and seek medical attention.

First aid procedures for **Ingestion:**

If this material is swallowed, DO NOT induce vomiting. However, if vomiting begins, lower victim's head in an effort to prevent vomit from entering the lungs. Immediately seek a physician. Do not attempt to give liquid to an unconscious person.

Section 5: Fire-fighting measures

Extinguishing media

Dry chemical, foam, or carbon dioxide

Special fire fighting procedures

Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

Unusual fire and explosives hazards

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic material. Do not enter enclosed or confined spaces without proper protective equipment, including respiratory equipment.

Section 6: Accidental release measures

In the case that material is released or spilled, recover as much of the product as possible using such methods as vacuuming, sweeping, or by shovel or other mechanical means while wearing the appropriate personal protective equipment. Non-recoverable product, contaminated soils, and other materials should be retrieved and transferred to proper containers for storage and ultimate disposal. Avoid washing, draining, or directing the material into storm drains or sanitary sewers.

Section 7: Handling and storage

Handling: Use only in well-ventilated areas. Do not smoke near areas where the material is handled or stored. The product should only be used in areas where electrical classification meets the product rating for this product, or is intrinsically safe.

Storage: Because the product is typically transported and stored at high temperatures, it should be handled as a combustible liquid. Product is Class IIIB combustible liquid per NFPA Code No. 30-1984 and should be stored and handled accordingly. Keep away from heat, sparks, and open flame. Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion. Even empty product containers may contain explosive vapors. Do not pressurize, cut, heat, weld, or expose such containers to ignition sources. Be sure to store in well-ventilated areas away from incompatible materials.

Section 8: Exposure controls/personal protection

Local Exhaust:	As required to remove vapors and fumes from hot materials
Mechanical (General):	None
Special Ventilation:	None
Other Ventilation:	None
Protective Gloves:	Neoprene or NBR recommended (insulated if material is being handled at high temperatures)
Eye Protection:	Face Shield if material is being handled at high temperatures

Other Protective Clothing or Equipment
Skin contact should be minimized. Complete protective clothing required if material is being handled at high temperatures.

Work/ Hygienic Practices
Launder or discard contaminated clothing. Discard heavily contaminated leather material.

Respiratory Protection (Specify type)
NIOSH-approved particulate respirator where necessary to avoid inhalation of mists or hot fumes.

Section 9: Physical and chemical properties

Appearance: Black solid
Odor and odor threshold: None
pH: Not available
Melting point/freezing point: Not available
Boiling point: <150 °C
Flash point:>177 °C
Evaporation rate: Not available
Flammability: Not available



Upper/lower flammability or explosive limits: Not available
Vapor pressure: Nil
Vapor density: >1
Relative density: 1.0544-0.8654
Solubility: Nil
Partition coefficient: n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not Available
Viscosity: Not Available

Section 10: Stability and reactivity

Stable:	Yes
Hazardous Polymerization May Occur :	No

Conditions to Avoid
Strong oxidizing materials, heat, flame

Incompatibility (Material to Avoid)
Strong oxidizing materials

Hazardous Decomposition or Byproducts
Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide

Section 11: Toxicological information

Likely routes of exposure include inhalation, ingestion, skin and eye contact. See Section 4 for symptoms related to and the effects of exposure to this material.
Numerical measures of toxicity are not available for this material.

Section 12: Ecological information

No data available

Section 13: Disposal information

Recycle as much of the recoverable material as possible. Dispose of the non-recyclable material by controlled incineration, while ensuring compliance with federal, state, and local regulations.

Section 14: Transport information

No data available

Section 15: Regulatory information

No data available

Section 16: Other information including information on preparation and revision of the SDS

While the information and recommendations set forth herein are believed to be accurate as of the MSDS date, PAC makes no warranties expressed or implied of fitness for a particular purpose with respect hereto and disclaims all liability from reliance thereon.