

Safety Data Sheet

According To Federal Register / Vol. 89, No. 98 / Monday, March 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Date of Issue: 05/18/2026

Version: 3.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Substance

Product Name: Petroleum Pitch

CAS-No.: 68187-58-6

1.2. Intended Use of the Product

Use of the Substance/Mixture: No use is specified.

1.3. Name, Address, and Telephone of the Responsible Party

Lone Star Specialty Products, LLC

6412 U.S. Highway 259 South

Lone Star, Texas USA 75668

Phone: (903) 656-2536

Fax: (903) 656-2151

1.4. Emergency Telephone Number

Emergency Number:

For Chemical Emergency Call CHEMTREC day or night

Within USA and Canada: 1.800.424.9300

Mexico: 1.800.681.9531

Outside USA and Canada: 1.703.527.3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Skin Sens. 1A	H317
Muta. 1B	H340
Carc. 1B	H350
Repr. 1B	H360
Aquatic Acute 3	H402

Full text of hazard classes and H-statements: see section 16.

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



GHS07

GHS08

Signal Word (GHS-US):

Danger

Hazard Statements (GHS-US):

H317 - May cause an allergic skin reaction.

H340 - May cause genetic defects.

H350 - May cause cancer (Dermal, oral).

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

H360 - May damage fertility or the unborn child.

H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US):

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - If on skin: Wash with plenty of water.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name: Petroleum Pitch

CAS-No.: 68187-58-6

Name	Synonyms	Product Identifier	%	GHS US classification
Pitch, petroleum, aromatic	Petroleum pitch / Pitch, petroleum / Pitch (petroleum) aromatic / Petroleum pitches / Pitch, petroleum, aromatic (The residue from the distillation of thermal cracked or steam-cracked residuum and/or catalytic cracked clarified oil with a softening point from 40-180°C. Composed primarily of a complex combination of three or more membered condensed ring aromatic hydrocarbons.)	(CAS-No.) 68187-58-6	96.03	Skin Sens. 1A, H317 Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360 Aquatic Acute 3, H402
Phenanthrene	Phenanthren (German) / Phenanthracene / Phenanthrin / Ravatite / Phenantrin / Phenanthrene, pure / HSDB 2166 / NSC 26256	(CAS-No.) 85-01-8	0.09	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
Anthracene	Anthracen (German) / Anthracin, Green Oil / HSDB 702 / NSC 7958 / Paranaphthalene / Tera Olive N2G	(CAS-No.) 120-12-7	0.01	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 1, H400

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

				Aquatic Chronic 1, H410 Comb. Dust
Fluoranthene	Benzene, 1,2- (1,8-naphthalenediyl) / Benzene, 1,2- (1,8-naphthylene) / Benzo(jk)fluorene / Fluoranthene / HSDB 5486 / IDRYL / NSC 6803 / 1,2-(1,8-Naphthylene)benzene / 1,2-Benzacenaphthene	(CAS-No.) 206-44-0	0.07	Acute Tox. 4 (Oral), H302 Aquatic Chronic 1, H410
Pyrene	Benzo(def)phenanthrene / Beta-pyrene / HSDB 4023 / NSC 17534 / Pyren (German)	(CAS-No.) 129-00-0	0.26	Acute Tox. 2 (Inhalation), H330 Carc. 1B, H350 Aquatic Chronic 1, H410
Chrysene	Benz(a)phenanthrene / Benzo(a)phenanthrene / HSDB 2810 / NSC 6175 / 1,2,5,6-Dibenzonaphthalene / 1,2-Benzophenanthrene / 1,2-Benzphenanthrene	(CAS-No.) 218-01-9	0.39	Muta. 2, H341 Carc. 2, H351 Aquatic Chronic 1, H410
Benzo(e)pyrene	1,2-Benzpyrene / 4,5-Benzopyrene / 4,5-Benzpyrene / Benzo(l)pyrene / 9,10-Benzpyrene / 1,2-Benzopyrene / Benz(e)pyrene	(CAS-No.) 192-97-2	0.84	Carc. 1B, H350 Aquatic Chronic 1, H410
Benzo(a)pyrene	3,4-Benzopyrene / benzo(pqr)teraphene / 3,4-Benzpyrene / benzo(def)chrysene / Benzpyrene / 6,7-Benzopyrene	(CAS-No.) 50-32-8	0.96	Repr. 1B, H360 STOT RE 2, H373 Skin Sens. 1B, H317 Muta. 1B, H340 Carc. 1B, H350 Aquatic Chronic 1, H410
Perylene	Peri-Dinaphthanlene / Perilene / Dibenz(de,kl)anthracene / alph-Perylene / Perylen	(CAS-No.) 198-55-0	0.31	N/A
Benzo(g,h,i)perylene	HSDB 6177 / NSC 89275 / 1,12-Benzoperylene / 1,12-Benzperylene	(CAS-No.) 191-24-2	0.45	Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

3.2. Mixture

Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. If exposed or concerned: Get medical advice/attention. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. In molten form: Cool skin rapidly with cold water after contact with molten product. Removal of solidified molten material from skin requires medical assistance.

First-aid Measures After Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention. In molten form: . Protect skin and eyes from contact with molten material. Removal of solidified molten material from the eyes requires medical assistance.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Risk of thermal burns on contact with molten product. Skin sensitization. May cause genetic defects. May damage fertility. May damage the unborn child. May cause cancer (oral, Dermal).

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Contact with hot, molten metal will cause thermal burns.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer (oral, Dermal). May cause genetic defects. May damage fertility or the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: In solid form: . Not flammable. In molten form: . Not flammable but will support combustion.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Smoke. Nitrous fumes. Polycyclic-aromatic hydrocarbons (PAH): Benzo[a]pyrene (BaP). Sulfur compounds.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. **Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Hot liquid : Contain by diking/berming with absorbent solids, such as sand, ashes, earth, or other inert material as necessary to prevent entry into sewers or open bodies of water. Avoid contact with hot liquid/fumes/vapors. Provide cleanup personnel with appropriate protective clothing.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Obtain special instructions before use. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. **Incompatible Materials:** Oxidizing agent.

7.3. Specific End Use(s) No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Coal Tar Pitch Volatiles		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	0.2 mg/m ³ (benzene-soluble fraction)
USA ACGIH	ACGIH TLV-TWA (mg/m ³)	0.2 mg/m ³ (benzene-soluble fraction)
USA ACGIH	ACGIH chemical category	A1 – Confirmed Human Carcinogen

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.1 mg/m ³ (10-hr TWA)
------------------	--------------------------------------	-----------------------------------

Benzo (a) pyrene (50-32-8)		
USA ACGIH	ACGIH chemical category	A2 – Suspected Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	3-Hydroxybenzo(a)pyrene with hydrolysis, urine, end of shift at end of workweek (nonquantitative)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	0.2 mg/m ³ (coal tar pitch volatiles)
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm

Materials for Protective Clothing:	Chemically resistant materials and fabrics.
Hand Protection:	Wear protective gloves.
Eye and Face Protection:	Chemical safety goggles.
Skin and Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other Information:	When using, do not eat, drink or smoke.

8.2. Exposure Controls

Appropriate Engineering Controls:	Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal Protective Equipment:	Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Petroleum Pitch

Safety Data Sheet

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State:	Solid at ambient temperature; becomes liquid (molten) when heated above melting point 104-124 °C (219-255 °F)
Appearance:	Black
Odor:	Tar
Odor Threshold:	No data available
pH:	Neutral
Evaporation Rate:	No data available
Melting Point:	104 – 124 °C (219.2 – 255.2 °F)
Freezing Point:	No data available
Boiling Point:	232 °C (449.6 °F)
Flash Point:	>200 °C (>392 °F)
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Flammability (solid, gas):	Not applicable
Vapor Pressure:	No data available
Relative Vapor Density at 20°C:	No data available
Relative Density:	No data available
Solubility:	No data available
Partition Coefficient: N-Octanol/Water:	No data available
Viscosity:	No data available
Particle Characteristics:	Solid material. Hard brittle solid at ambient temperature. Particle size and morphology depend on processing and grade. Can generate dust when handled, ground, or broken.

9.2. Other Information No additional information available.

SECTION 10: STABILITY AND REACTIVITY

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials: Oxidizing agent.

10.6. Hazardous Decomposition Products: Not expected to decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Pitch, petroleum, aromatic (68187-58-6)	
LD50 Oral Rat	4320 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Skin Corrosion/Irritation: Not classified

pH: Neutral

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer (Dermal, oral).

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Contact with hot, molten material will cause thermal burns.

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer (oral, Dermal). May cause genetic defects. May damage fertility or the unborn child.

Interactive Effects: Petroleum Pitch (CAS 68187-58-6) is a complex UVCB substance containing PAH components that exhibit additive and synergistic toxicity interactions:

PAH Carcinogenic Synergy: Benzo(a)pyrene (0.96%), benzo(e)pyrene (0.84%), chrysene (0.39%), pyrene (0.26%), and benzo(g,h,i)perylene (0.45%) share metabolic activation pathways (CYP1A1/1B1). Combined PAH exposure produces additive carcinogenic burden greater than any single component alone.

Phototoxicity: PAH components are phototoxic. Skin contact followed by UV or sunlight exposure causes photoactivated burns, blistering, and chronic melanosis. Workers must decontaminate thoroughly and avoid sun exposure for 24-48 hours following skin contact.

Thermal Burns and Chemical Absorption: Contact with molten pitch causes severe thermal burns. PAH carcinogens can be absorbed through burn-damaged skin at significantly increased rates.

Sensitization: Skin sensitization (Skin Sens. 1A, H317) may be worsened by concurrent skin irritation. Once sensitized, workers may react to trace concentrations below occupational exposure limits.

Pyrene Inhalation Hazard: Pyrene (Acute Tox. 2 inhalation, 0.26%) presents a significant inhalation hazard during heated processing when vapors are generated. CTPV OELs (0.2 mg/m³) are the primary protective guideline.

Alternative Information Sources: Petroleum Pitch (CAS 68187-58-6) is a UVCB substance. Classifications based on:

- IARC Monograph assessments for PAH components
- Component-based classification using GHS mixture additive rules:
Primary substance hazard drivers: petroleum pitch aromatic (96.03%),
benzo(a)pyrene (0.96%), benzo(e)pyrene (0.84%), chrysene (0.39%)
- Measured LD50 data: Oral Rat 4320 mg/kg; Dermal Rabbit >2000 mg/kg
- OSHA Coal Tar Pitch Volatiles exposure standard (29 CFR 1910.1000)
- CONCAWE product stewardship data for petroleum-derived pitches
- Skin sensitization basis: confirmed for petroleum pitch and PAH components
via repeated insult patch tests in occupational studies

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – General: Harmful to aquatic life.

Pitch, petroleum, aromatic (68187-58-6)	
LC50 Fish 1	48 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])

12.2. Persistence and Degradability

Petroleum Pitch (68187-58-6)	
Persistence and Degradability	Not established.

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

12.3. Bioaccumulative Potential

Petroleum Pitch (68187-58-6)	
Bioaccumulative Potential	Not established.
Pitch, petroleum, aromatic (68187-58-6)	
BCF Fish 1	(no bioaccumulation)

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information:

Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.


Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.


14.1. In Accordance with DOT

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo(a)pyrene; Benzo(e)pyrene)
Hazard Class:	9
Identification Number:	UN 3077
Packing Group:	III
Label Codes:	9
Marine Pollutant:	Yes
ERG Number:	171



14.2. In Accordance with IMDG

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo(a)pyrene; Benzo(e)pyrene)
Hazard Class:	9
Identification Number:	UN 3077
Packing Group:	III
Label Codes:	9
EmS-No. (Fire):	F-A



Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

EmS-No. (Spillage): S-F

Marine Pollutant: Yes

14.3. In Accordance with IATA

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo(a)pyrene; Benzo(e)pyrene)

Hazard Class: 9

Identification Number: UN 3077

Packing Group: III

Label Codes: 9

ERG Code (IATA): 9L



14.4 Molten Form – Additional Classification (if transported heated)

If this product is ever shipped in a heated/molten state above its melting point (104-124°C), the transport classification changes:

Proper Shipping Name: ELEVATED TEMPERATURE MATERIAL, SOLID, N.O.S. (Petroleum Pitch)

Hazard Class: 9

Identification Number: UN 3257

Packing Group: III



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Petroleum Pitch (68187-58-6)

SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity Health hazard - Respiratory or skin sensitization Health hazard - Germ cell mutagenicity Health hazard - Reproductive toxicity
--	---

Pitch, petroleum, aromatic (68187-58-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Phenanthrene (85-01-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 5000 lb

SARA Section 313 - Emission Reporting 1 %

Anthracene (120-12-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 5000 lb

SARA Section 313 - Emission Reporting 1 %

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Fluoranthene (206-44-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	100 lb
-----------	--------

Pyrene (129-00-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

CERCLA RQ	5000 lb
-----------	---------

Chrysene (218-01-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	100 lb
-----------	--------

Benz(a)anthracene (56-55-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313.

CERCLA RQ	10
-----------	----

Benzo(a)pyrene (50-32-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313.

CERCLA RQ	1 lb
-----------	------

Perylene (198-55-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Benzo(ghi)perylene (191-24-2)

Subject to reporting requirements of United States SARA Section 313.

CERCLA RQ	5000 lb
-----------	---------

15.2. US State Regulations

Benzo (a) pyrene (50-32-8)

U.S. - Massachusetts - Right to Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List – Special Hazardous Substances
U.S. – Pennsylvania – RTK (Right to Know) List

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Benzo (e) pyrene (192-97-2)

U.S. - Pennsylvania - RTK (Right to Know) List

Anthracene (120-12-7)

U.S. - Massachusetts - Right to Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Phenanthrene (85-01-8)

U.S. - Massachusetts - Right to Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Chrysene (218-01-9)

U.S. - Pennsylvania - RTK (Right to Know) List

Pyrene (129-00-0)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

California Proposition 65



WARNING: This product can expose you to Benzo (a) pyrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Benzo (a) pyrene (50-32-8)	X			

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 05/18/2026

Previous Revision Date: 05/02/2024 (Version 2.0)

Version: 3.0

Revision Summary: Updated to comply with OSHA HCS 29 CFR 1910.1200 as amended May 20, 2024 (GHS Revision 7). Updated header from Vol. 77, No. 58 (2012) to Vol. 89, No. 98 (2024). Corrected page footer date. Reviewed Aquatic Acute 3/H402 classification per GHS Rev 7. Fixed benzo(a)pyrene component row: added Repr. 1B, Skin Sens. 1B subcategories; corrected STOT RE 2 abbreviation. Corrected Physical State from Liquid to Solid. Added flash point estimate and Particle Characteristics to Section 9. Restructured Sections 9 and 10 to correct document order. Added CTPV and benzo(a)pyrene OELs to Section 8.1. Fixed 'metal' typo in Section 11. Added Interactive Effects and Alternative Information paragraphs to Section 11. Completely rewrote Section 15.2 with correct state RTK listings and added mandatory California Proposition 65 warning for benzo(a)pyrene.

Petroleum Pitch

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and the OSHA Hazard Communication Standard 29 CFR 1910.1200

Other Information: This document has been prepared in accordance with the OSHA Hazard Communication Standard 29 CFR 1910.1200, as amended by final rule published May 20, 2024 (effective July 19, 2024), aligning with the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Revision 7, with selected elements from Revision 8.

GHS Full Text Phrases:

Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Carc. 1B	Carcinogenicity Category 1B
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 1B	Reproductive toxicity Category 1B
Skin Sens. 1A	Skin sensitization, category 1A
H317	May cause an allergic skin reaction
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H402	Harmful to aquatic life

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)

NFPA 704 Diamond Rating System:

- NFPA Health Hazard:** **3** – Materials that, under emergency conditions, can cause serious or permanent injury. Justification: Carcinogen (Carc. 1B, H350). Contains polycyclic aromatic hydrocarbons (PAHs) including benzo(a)pyrene (IARC Group 1, 0.96%), with germ cell mutagenicity (H340), reproductive toxicity (H360), skin sensitization (Skin Sens. 1A, H317), phototoxicity with UV exposure, and potential fatal inhalation hazard from pyrene vapors during heated processing.
- NFPA Fire Hazard:** **1** – Flash point >200°C (>392°F). Not classified as a GHS flammable liquid. In solid form: not flammable. In molten form: not flammable but will support combustion when heated above flash point. Requires substantial preheating before ignition can occur under normal ambient conditions.
- NFPA Reactivity Hazard:** **0** – Materials that in themselves are normally stable, even under fire conditions. Justification: Stable under normal conditions and in fire. No hazardous polymerization. Reaction with strong oxidizers is not unusual for organic materials.
- NFPA Special Hazard:** None

NFPA 704 Diamond:

