Refined Tar

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Date of Issue: 06/20/2025

Version: 3.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Substance

Product Name: Refined Tar

Chemical Name: Pitch, coal tar-petroleum

CAS-No.: 68187-57-5

Synonyms: Modified RT-12, RT-9, RT-12, RT-240

1.2. Intended Use of the Product

Use of the Substance/Mixture: Driveways, roadways, roofing, manufacturing

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

Company

Lone Star Specialty Products, LLC
6412 U.S. Highway 259 South
Lone Star, TX 75668 USA
Phone #: 903-656-2536 Fax
#: 903-656-2151
www.lonestarspecialties.net

1.4. Emergency Telephone Number

Emergency Number: 800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 1B	H360
STOT RE 1	H372
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

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

2.2. Label Elements GHS-US Labeling

Signal Word (GHS-US): Danger

Hazard Pictograms (GHS-US):

GHS07 GHS08 GHS09

Hazard Statements (GHS-US)

H317 - May cause an allergic skin reaction.
H340 - May cause genetic defects.
H350 - May cause cancer.
H360 - May damage fertility or the unborn child.
H372 - Causes damage to organs through prolonged or repeated exposure.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US):

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P203 – Obtain, read and follow all safety instructions before use.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
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.
P318 – If exposed or concerned, get medical advice.
P321 - Specific treatment (see section 4 on this SDS).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage.
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: Refined Tar
CAS-No.: 68187-57-5

Name	Synonyms	Product Identifier	%	GHS US classification
Pitch, coal tar-petroleum	Pitch, coal tar, petroleum / Pitch residues / Pitch, coal tar petroleum - pitch residues / Pitch, coal tar-petroleum (The residue from the distillation of a mixture of coal tar and aromatic petroleum streams. A solid with a softening point from 40-180°C. Composed primarily of a complex combination of three or more membered condensed ring aromatic hydrocarbons.) / Coal and petroleum pitches, pitches and sublimates / Coal and petroleum tars, pitches and their sublimates / Pitch, coal tar petroleum; Pitch Residues [The residue from the distillation of a mixture of coal tar and aromatic petroleum streams. A solid with a softening point from 40°C to 180°C (140°F to 356°F). Composed; primarily of a complex combination of three or more membered condensed ring aromatic hydrocarbons.]	(CAS-No.) 68187-57-5	100	Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1A, H350 Repr. 1B, H360 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Coal tar petroleum is a UVCB substance and may contain the following substances in appreciable amounts.

Name	Synonyms	Product Identifier	%	GHS US classification
Naphthalene	Naphthalene, molten / Naphthalene, crude / Naphthalene / Moth balls	(CAS-No.) 91-20-3	< 20	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
Anthracene	Paranaphthalene / Green oil	(CAS-No.) 120-12-7	< 2.5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust

Benzene	Cyclohexatriene / Benzol	(CAS-No.) 71-43-2	< 2	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1A, H350 STOT SE 3, H336 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Benzo(a)pyrene	Benzo[a]pyrene / 3,4-Benz(a)pyrene / Benz(a)pyrene / Benzo[def]chrysene / 3,4-Benzopyrene / 6,7-Benzopyrene / Benzopyrene / BaP / Benz[a]pyrene / 3,4-Benzo(a)pyrene / 3,4-Benzpyrene	(CAS-No.) 50-32-8	< 2	Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361d Asp. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412

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. Drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention. Obtain medical attention if irritation/rash develops or persists.

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.

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

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: May cause cancer. Causes damage to organs through prolonged or repeated exposure. Skin sensitization. May cause genetic defects. May damage fertility. May damage the unborn child. Contact with hot liquid may cause thermal burns.

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

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

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

Chronic Symptoms: May cause cancer. May cause genetic defects. May damage fertility or the unborn child. Causes damage to organs (blood, thyroid gland, liver) through prolonged or repeated exposure.

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 (CO_2), 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: Not considered flammable but may burn at high temperatures. May release flammable vapors.
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, CO_2). Nitrogen oxides. Sulfur dioxide. Polycyclic-aromatic hydrocarbons (PAH).
Other Information: Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

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.
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. Collect spillage.

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.

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

Additional Hazards When Processed: Flammable vapors can accumulate in head space of closed systems.
Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and

understood. Do not breathe vapors, mist, or spray. Do not get in eyes, on skin, or on clothing. Avoid contact with skin, eyes and 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: Strong oxidizers.

7.3. Specific End Use(s)

Driveways, roadways, roofing, manufacturing

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).

Naphthalene (91-20-3)		
USA ACGIH	ACGIH TWA (ppm)	10 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA ACGIH	Biological Exposure Indices (BEI)	Parameter: 1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis - Sampling time: end of shift (nonquantitative, nonspecific)
USA NIOSH	NIOSH REL (TWA) (mg/m³)	50 mg/m³
USA NIOSH	NIOSH REL (TWA) (ppm)	10 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m³)	75 mg/m³
USA NIOSH	NIOSH REL (STEL) (ppm)	15 ppm
USA IDLH	US IDLH (ppm)	250 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	50 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm

Anthracene (120-12-7)		
USA OSHA	OSHA PEL (TWA) (mg/m³)	0.2 mg/m³ (Coal tar pitch volatiles)
USA NIOSH	NIOSH (TWA)	0.1 mg/m^3 (Coal tar pitch volatiles)

Benzo(a)pyrene (50-32-8)		
USA ACGIH	ACGIH chemical category	Suspected Human Carcinogen

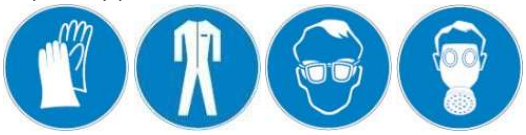
USA ACGIH	Biological Exposure Indices (BEI)	2.5 µg/l Parameter: 1-Hydroxypyrene with hydrolysis - Medium: urine - Sampling time: end of shift at end of workweek (background) Parameter: 3-Hydroxybenzo(a)pyrene with hydrolysis - Medium: urine - Sampling time: end of shift at end of workweek (nonquantitative)
USA OSHA	OSHA PEL (TWA) (mg/m³)	0.2 mg/m³ (Coal tar pitch volatiles)
USA NIOSH	NIOSH REL (TWA) (mg/m³)	0.1 mg/m³ (Coal tar pitch volatiles)

Benzene (71-43-2)		
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm
USA ACGIH	ACGIH STEL (ppm)	2.5 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route,Confirmed Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	25 µg/g Kreatinin Parameter: S-Phenylmercapturic acid - Medium: urine - Sampling time: end of shift (background) 500 µg/g Kreatinin Parameter: t,t-Muconic acid - Medium: urine - Sampling time: end of shift (background)
USA NIOSH	NIOSH REL (TWA) (ppm)	0.1 ppm
USA NIOSH	NIOSH REL (STEL) (ppm)	1 ppm
USA IDLH	US IDLH (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm 1 ppm
USA OSHA	OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
USA OSHA	OSHA PEL (Ceiling) (ppm)	25 ppm
USA OSHA	Acceptable Maximum Peak Above The Acceptable Ceiling Concentration For An 8Hr Shift	50 ppm Peak (10 minutes)

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. Gas detectors should be used when flammable gases or vapors may be released.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



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.
Thermal Hazard Protection:	When working with hot material, use suitable thermally protective clothing.
Other Information:	When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Dark brown to black; 2.5Y2/2 to 2.5Y4/2 on the Munsell color scheme
Odor:	Sharp, aromatic, wood-like odor
Odor Threshold:	No data available
pH:	7 - 8
Evaporation Rate:	No data available
Melting Point:	No data available
Freezing Point:	No data available
Boiling Point:	66 °C (150.8 °F)
Flash Point:	218 °C (424 °F) (open cup)
Auto-ignition Temperature:	> 560 °C (1040 °F)
Decomposition Temperature:	No data available
Flammability (solid, gas):	Not applicable
Vapor Pressure:	< 0.1 kPa @ 20 °C (68 °F)
Relative Vapor Density at 20°C:	> 1 (air = 1) @ 20 °C (68 °F): 1, 1-1, 3 g/cm3 (ATSM D4052)
Relative Density:	No data available
Density:	8.7 lb/gal
Solubility:	Water: 313 µg/mL

Partition Coefficient: N-Octanol/Water:	3.247
Viscosity:	133 mm²/s 20 °C (68 °F) (DIN 53019)
Chemical Formula:	Complex hydrocarbon mixture which includes polynuclear aromatic hydrocarbons (PAHs)
Molecular Weight:	Not applicable

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

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: Strong oxidizers.

10.6. Hazardous Decomposition Products: None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Naphthalene (91-20-3)	
LD50 Oral Rat	490 mg/kg
LC50 Inhalation Rat	> 340 mg/m³ (Exposure time: 1 h)
LD50 Dermal Rat	>2500 mg/kg

Anthracene (120-12-7)	
LD50 Oral Rat	> 17 g/kg
LD50 Dermal Rat	> 1320 mg/kg

ATE (Dermal)	1,100.00 mg/kg body weight

Benzene (71-43-2)	
LD50 Oral Rat	930 mg/kg
LD50 Dermal Rabbit	> 8200 mg/kg
LC50 Inhalation Rat	10,000 ppm/7h

Skin Corrosion/Irritation: Not classified

pH: 7 - 8

Serious Eye Damage/Irritation: Not classified

pH: 7 - 8

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

Germ Cell Mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

Naphthalene (91-20-3)	
IARC group	2B
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Anthracene (120-12-7)	
IARC group	3

Benzo(a)pyrene (50-32-8)	
IARC group	1
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Benzene (71-43-2)	
IARC group	1
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity, Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
OSHA Specifically Regulated Carcinogen List	In OSHA Specifically Regulated Carcinogen list.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: May cause cancer. May cause genetic defects. May damage fertility or the unborn child. Causes damage to organs (blood, thyroid gland, liver) through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – General: Very toxic to aquatic life with long lasting effects.

Naphthalene (91-20-3)	
LC50 Fish 1	5.74 - 6.44 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	2.16 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	1.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 2	1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])

Anthracene (120-12-7)	
LC50 Fish 1	0 - 0.00318 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	0.081 - 0.112 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	0.00278 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Benzo(a)pyrene (50-32-8)	
EC50 Daphnia 1	0.005 mg/l
ErC50 (Algae)	0.005 mg/l
NOEC Chronic Fish	0.0024 mg/l

Benzene (71-43-2)	
LC50 Fish 1	10.7 - 14.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	8.76 - 15.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 Fish 2	5.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 2	10 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 (Algae)	29 mg/l
NOEC Chronic Fish	0.8 mg/l

12.2. Persistence and Degradability

Refined Tar (68187-57-5)	
Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

Refined Tar (68187-57-5)	
Bioaccumulative Potential	Not established.

Naphthalene (91-20-3)	
BCF Fish 1	30 - 430
Log Pow	3.6

Anthracene (120-12-7)	
BCF Fish 1	903 - 2820
Log Pow	4.54

Benzo(a)pyrene (50-32-8)	
Log Pow	6.06

Benzene (71-43-2)	
BCF Fish 1	3.5 - 4.4
Log Pow	2.1

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.
When shipped < 212 °F (100 °C):

14.1. In Accordance with DOT

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (COAL TAR PETROLEUM)
Hazard Class: 9
Identification Number: UN3082
Label Codes: 9

Packing Group III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (COAL TAR PETROLEUM)
Hazard Class: 9
Identification Number: UN3082
Packing Group: III
Marine Pollutant: Yes

ERG Number: 171

14.2. In Accordance with IMDG

Label Codes: 9
EmS-No. (Fire): F-A
EmS-No. (Spillage): S-F

Marine Pollutant: **Yes**

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (COAL TAR PETROLEUM)
Packing Group: III

14.3. In Accordance with IATA

Identification Number: UN3082
Hazard Class: 9
Label Codes 9
ERG Code (IATA) 9L

When shipped > 212 °F (100 °C), but < flash point:

14.1. In Accordance with DOT

Proper Shipping Name: ELEVATED TEMPERATURE LIQUID, N.O.S. (COAL TAR PETROLEUM)
Hazard Class: 9
Identification Number: UN3257
Label Codes: 9

Packing Group: III

Marine Pollutant: Yes

ERG Number: 128

14.2. In Accordance with IMDG

Proper Shipping Name: ELEVATED TEMPERATURE LIQUID, N.O.S. (COAL TAR PETROLEUM)

Hazard Class: 9

Identification Number: UN3257

Packing Group: III

Label Codes: 9
EmS-No. (Fire): F-A
EmS-No. (Spillage): S-F

Marine Pollutant: Yes

14.3. In Accordance with IATA

FORBIDDEN – Elevated temperature liquids > 212°F are prohibited in air transport per IATA Dangerous Goods Regulations

When shipped > than flash point:

14.1. In Accordance with DOT

Proper Shipping Name: ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. (COAL TAR PETROLEUM)
Hazard Class: 3
Identification Number: UN3256
Label Codes: 3

Packing Group: III
Marine Pollutant: Yes
ERG Number: 128

14.2. In Accordance with IMDG

Proper Shipping Name: ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. (COAL TAR PETROLEUM)
Hazard Class: 3

Identification Number: UN3256
Packing Group: III
Label Codes: 3
EmS-No. (Fire): F-E
EmS-No. (Spillage): S-E
Marine Pollutant: Yes

14.3. In Accordance with IATA

FORBIDDEN – Elevated temperature liquids at elevated temperatures above flash point are prohibited in air transport per IATA Dangerous Goods Regulations

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Refined Tar (68187-57-5)

SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Respiratory or skin sensitization Health hazard - Germ cell mutagenicity Health hazard - Reproductive toxicity

Pitch, coal tar-petroleum (68187-57-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Naphthalene (91-20-3)	
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
SARA Section 313 - Emission Reporting	0.1 %

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 %

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
SARA Section 313 - Emission Reporting	0.1 %

Benzene (71-43-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory. Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	10 lb
SARA Section 313 - Emission Reporting	0.1 %

15.2. US State Regulations

Naphthalene (91-20-3)
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

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

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

Benzene (71-43-2)
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) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) List

California Proposition 65

WARNING: This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Naphthalene (91-20-3)	X			
Benzo(a)pyrene (50-32-8)	X			
Benzene (71-43-2)	X	X		X

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

Date of Preparation or Latest Revision: 06/20/2025

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Sol. 2	Flammable solids Category 2
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 1B	Reproductive toxicity Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H361d	Suspected of damaging the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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)