

Issuing Date 09-Sep-2020

Revision Date 09-Sep-2020

Revision Number 1

## 1. Identification

### Product identifier

Product Name RT-12

### Other means of identification

Product Code(s) RT-12

UN/ID no UN3257

Synonyms Road tar; refined tar

### Recommended use of the chemical and restrictions on use

Recommended use Road tar emulsion base

Restrictions on use No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

Arbor Preservative Systems, LLC  
1471 Channel Avenue  
Memphis, TN 38106  
Tel: 901-942-3326

E-mail jeffw@arborpreservative.com

### Emergency telephone number

Emergency telephone Chemtrec 1-800-424-9300

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1B

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements

Danger

Hazard statements

May cause an allergic skin reaction.  
 May cause genetic defects.  
 May cause cancer.  
 May damage fertility or the unborn child.



#### Precautionary Statements - Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing must not be allowed out of the workplace

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

#### Precautionary Statements - Storage

Store locked up

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other information

May be harmful if swallowed. May be harmful in contact with skin. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

#### Synonyms

Road tar; refined tar

Chemical name	CAS No	Weight-%	Trade secret
Coal tar pitches	65996-93-2	100	*
Pyrene	129-00-0	3.12	*
Naphthalene	91-20-3	1.64	*
Anthracene	120-12-7	1.42	*
Benz[a]anthracene	56-55-3	1.22	*
Chrysene	218-01-9	0.93	*
Benzo[a]pyrene	50-32-8	0.72	*
Benzo(b)fluoranthene	205-99-2	0.68	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. First-aid measures

##### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Skin contact</b>	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Itching. Rashes. Hives.
-----------------	-------------------------

##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization in susceptible persons. Treat symptomatically.
---------------------------	--

#### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	No information available.
<b>Specific hazards arising from the chemical</b>	Product is or contains a sensitizer. May cause sensitization by skin contact.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.

##### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Coal tar pitches 65996-93-2	TWA: 0.2 mg/m <sup>3</sup> benzene-soluble aerosol	TWA: 0.2 mg/m <sup>3</sup> benzene soluble fraction (vacated) TWA: 0.2 mg/m <sup>3</sup> benzene soluble fraction	IDLH: 80 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Cyclohexane-extractable fraction
Pyrene 129-00-0	-	TWA: 0.2 mg/m <sup>3</sup>	-
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup>
Anthracene 120-12-7	-	TWA: 0.2 mg/m <sup>3</sup>	-
Benz[a]anthracene 56-55-3	Exposure by all routes should be carefully controlled to levels as low as possible	-	-
Chrysene 218-01-9	Exposure by all routes should be carefully controlled to levels as low as possible	TWA: 0.2 mg/m <sup>3</sup>	-
Benzo[a]pyrene 50-32-8	Exposure by all routes should be carefully controlled to levels as low as possible	TWA: 0.2 mg/m <sup>3</sup>	-
Benzo(b)fluoranthene 205-99-2	Exposure by all routes should be carefully controlled to levels as low as possible	-	-

#### Biological occupational exposure limits

Chemical name	ACGIH
Coal tar pitches 65996-93-2	2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek - urine (3-Hydroxybenzo(a)pyrene with hydrolysis) - end of shift at end of workweek
Naphthalene 91-20-3	- (1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis) - end of shift
Benz[a]anthracene	- urine (1-Hydroxypyrene with hydrolysis) - end of shift at

56-55-3	end of workweek
Chrysene 218-01-9	2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek - urine (3-Hydroxybenzo(a)pyrene with hydrolysis) - end of shift at end of workweek
Benzo[a]pyrene 50-32-8	2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek - urine (3-Hydroxybenzo(a)pyrene with hydrolysis) - end of shift at end of workweek
Benzo(b)fluoranthene 205-99-2	2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek - urine (3-Hydroxybenzo(a)pyrene with hydrolysis) - end of shift at end of workweek

### Appropriate engineering controls

**Engineering controls**                      Showers  
   Eyewash stations  
   Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection**                      Wear safety glasses with side shields (or goggles).

**Hand protection**                            Wear suitable gloves.

**Skin and body protection**                Wear suitable protective clothing.

**Respiratory protection**                    No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**        Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## **9. Physical and chemical properties**

### Information on basic physical and chemical properties

**Appearance**                                  Black Viscous liquid  
**Physical state**                                Liquid  
**Color**    black  
**Odor**    Aromatic  
**Odor threshold**                                No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	>150 °C / >325 °F	None known
<b>Flash point</b>	>149 °C / >300 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	<5 mm @ 20 °C	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Negligible	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known

Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

**Other information**

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

**10. Stability and reactivity**

Reactivity	None under normal use conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Excessive heat. Exposure to water.
Incompatible materials	Oxidizing agent.
Hazardous decomposition products	Carbon oxides.

**11. Toxicological information****Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin.
Ingestion	May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms	Itching. Rashes. Hives.
----------	-------------------------

**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral)	2,726.90 mg/kg
ATEmix (dermal)	4,219.30 mg/kg
ATEmix (inhalation-dust/mist)	5.18 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Coal tar pitches 65996-93-2	= 3300 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Pyrene 129-00-0	= 2700 mg/kg ( Rat )	-	-
Naphthalene 91-20-3	= 1110 mg/kg ( Rat )	= 1120 mg/kg ( Rabbit )	> 340 mg/m <sup>3</sup> ( Rat ) 1 h
Anthracene 120-12-7	> 16 g/kg ( Rat )	> 1320 mg/kg ( Rat )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Coal tar pitches 65996-93-2	A1	Group 1	Known	X
Pyrene 129-00-0	-	Group 3	-	-
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X
Anthracene 120-12-7	-	Group 3	-	-
Benz[a]anthracene 56-55-3	A2	Group 2B	Reasonably Anticipated	X
Chrysene 218-01-9	A3	Group 2B	-	X
Benzo[a]pyrene 50-32-8	A2	Group 1	Reasonably Anticipated	X
Benzo(b)fluoranthene 205-99-2	A2	Group 2B	Reasonably Anticipated	X

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A1 - Known Human Carcinogen

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity**

Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target organ effects</b>	Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system. Blood. Bladder. Lungs.
<b>Aspiration hazard</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Interactive effects</b>	No information available.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Pyrene 129-00-0	-	-	-	EC50: =1.8mg/L (48h, water flea)
Naphthalene 91-20-3	-	LC50: 0.91 - 2.82mg/L (96h, Oncorhynchus mykiss) LC50: 5.74 - 6.44mg/L (96h, Pimephales promelas) LC50: =1.6mg/L (96h, Oncorhynchus mykiss) LC50: =1.99mg/L (96h, Pimephales promelas) LC50: =31.0265mg/L (96h, Lepomis macrochirus)	-	EC50: 1.09 - 3.4mg/L (48h, Daphnia magna) EC50: =1.96mg/L (48h, Daphnia magna) LC50: =2.16mg/L (48h, Daphnia magna)
Anthracene 120-12-7	-	LC50: 0 - 0.00318mg/L (96h, Lepomis macrochirus) LC50: =0.00278mg/L (96h, Lepomis macrochirus)	-	EC50: 0.081 - 0.112mg/L (48h, Daphnia magna)
Benz[a]anthracene 56-55-3	-	-	-	EC50: =0.0042mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Coal tar pitches 65996-93-2	6.04
Pyrene 129-00-0	4.88
Naphthalene 91-20-3	3.6
Anthracene 120-12-7	4.54
Benz[a]anthracene 56-55-3	5.61
Chrysene 218-01-9	5.61 - 5.91
Benzo[a]pyrene	6.06



50-32-8	
Benzo(b)fluoranthene 205-99-2	6.57

**Other adverse effects** No information available.

### 13. Disposal considerations

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** U018 U022 U050 U120 U165

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Pyrene 129-00-0	-	Included in waste stream: F039	-	-
Naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145	-	U165
Anthracene 120-12-7	-	Included in waste stream: F039	-	-
Benz[a]anthracene 56-55-3	U018	Included in waste streams: F032, F034, F039, K001, K035, K141, K142, K143, K144, K145, K147, K148, K170	-	U018
Chrysene 218-01-9	U050	Included in waste streams: F037, F038, F039, K001, K035	-	U050
Benzo[a]pyrene 50-32-8	U022	Included in waste streams: F032, F034, F037, F038, F039, K001, K035, K141, K142, K144, K145, K147, K148, K170	-	U022
Benzo(b)fluoranthene 205-99-2	-	Included in waste streams: F039, K001, K035, K141, K142, K143, K144, K147, K148, K170	-	-

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Naphthalene 91-20-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those	-

			having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	
--	--	--	--	--

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste Status
Naphthalene 91-20-3	Toxic
Anthracene 120-12-7	Toxic

## 14. Transport information

### DOT

<b>UN/ID no</b>	UN3257
<b>Proper shipping name</b>	ELEVATED TEMPERATURE LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Reportable Quantity (RQ)</b>	(Fluoranthene: RQ (kg)= 45.40, Naphthalene: RQ (kg)= 45.40, Benz[a]anthracene: RQ (kg)= 4.54, Chrysene: RQ (kg)= 45.40, Acenaphthene: RQ (kg)= 45.40, Benzo[a]pyrene: RQ (kg)= 0.454, Benzo(b)fluoranthene: RQ (kg)= 0.454) Fluoranthene: RQ (lb)= 100.00, Naphthalene: RQ (lb)= 100.00, Benz[a]anthracene: RQ (lb)= 10, Chrysene: RQ (lb)= 100.00, Acenaphthene: RQ (lb)= 100.00, Benzo[a]pyrene: RQ (lb)= 1, Benzo(b)fluoranthene: RQ (lb)= 1
<b>DOT reportable quantity kg (calculated)</b>	Fluoranthene: RQ (kg)= 1230.00, Naphthalene: RQ (kg)= 2768.00, Benz[a]anthracene: RQ (kg)= 372.00, Chrysene: RQ (kg)= 4882.00, Acenaphthene: RQ (kg)= 5896.00, Benzo[a]pyrene: RQ (kg)= 63.00, Benzo(b)fluoranthene: RQ (kg)= 67.00
<b>DOT Reportable Quantity lbs. (calculated)</b>	Fluoranthene: RQ (lb)= 2710.00, Naphthalene: RQ (lb)= 6098.00, Benz[a]anthracene: RQ (lb)= 820.00, Chrysene: RQ (lb)= 10753.00, Acenaphthene: RQ (lb)= 12987.00, Benzo[a]pyrene: RQ (lb)= 139.00, Benzo(b)fluoranthene: RQ (lb)= 147.00
<b>Special Provisions</b>	IB1, T3, TP3, TP29
<b>DOT Marine Pollutant</b>	I
<b>Marine pollutant</b>	Benz[a]anthracene, Naphthalene
<b>Description</b>	UN3257, ELEVATED TEMPERATURE LIQUID, N.O.S. (Benz[a]anthracene, Coal tar pitches), 9, III, Marine pollutant (Benz[a]anthracene, Naphthalene)
<b>Emergency Response Guide Number</b>	128

### IATA

<b>UN number or ID number</b>	Forbidden BY PASSENGER AIR Forbidden UN3257
<b>Packing group</b>	III
<b>Description</b>	Forbidden

### IMDG

<b>UN number or ID number</b>	UN3257
<b>UN proper shipping name</b>	ELEVATED TEMPERATURE LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>EmS-No</b>	F-A, S-P
<b>Marine pollutant</b>	P
<b>Marine pollutant</b>	Benz[a]anthracene, Naphthalene
<b>Special Provisions</b>	232, 274
<b>Description</b>	UN3257, ELEVATED TEMPERATURE LIQUID, N.O.S. (Naphthalene, Benz[a]anthracene), 9, III, (0°C C.C.), Marine pollutant

**15. Regulatory information****International Inventories****TSCA**

Contact supplier for inventory compliance status.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Coal tar pitches	65996-93-2	Present	Active
Fluoranthene	206-44-0	Present	Active
Pyrene	129-00-0	Present	Active
Naphthalene	91-20-3	Present	Active
Anthracene	120-12-7	Present	Active
Benz[a]anthracene	56-55-3	Present	Active
Chrysene	218-01-9	Present	Active
Acenaphthene	83-32-9	Present	Active
Benzo[a]pyrene	50-32-8	Present	Active
Benzo(b)fluoranthene	205-99-2		

\*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Coal tar pitches - 65996-93-2	0.1
Pyrene - 129-00-0	0.1
Naphthalene - 91-20-3	0.1
Anthracene - 120-12-7	1.0
Benz[a]anthracene - 56-55-3	0.1
Chrysene - 218-01-9	1.0
Benzo[a]pyrene - 50-32-8	0.1
Benzo(b)fluoranthene - 205-99-2	0.1

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pyrene 129-00-0	-	-	X	-
Naphthalene 91-20-3	100 lb	X	X	X
Anthracene	-	-	X	-

120-12-7				
Benz[a]anthracene 56-55-3	-	-	X	-
Chrysene 218-01-9	-	X	X	-
Benzo[a]pyrene 50-32-8	-	X	X	-
Benzo(b)fluoranthene 205-99-2	-	-	X	-

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Pyrene 129-00-0	5000 lb	5000 lb
Naphthalene 91-20-3	100 lb	-
Anthracene 120-12-7	5000 lb	-
Benz[a]anthracene 56-55-3	10 lb	-
Chrysene 218-01-9	100 lb	-
Benzo[a]pyrene 50-32-8	1 lb	-
Benzo(b)fluoranthene 205-99-2	1 lb	-

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Naphthalene - 91-20-3	Carcinogen
Benz[a]anthracene - 56-55-3	Carcinogen
Chrysene - 218-01-9	Carcinogen
Benzo[a]pyrene - 50-32-8	Carcinogen
Benzo(b)fluoranthene - 205-99-2	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Coal tar pitches 65996-93-2	X	X	X
Fluoranthene 206-44-0	X	X	X
Pyrene 129-00-0	X	X	X
Naphthalene 91-20-3	X	X	X
Anthracene 120-12-7	X	X	X
Benz[a]anthracene 56-55-3	X	X	X
Chrysene 218-01-9	X	X	X

Acenaphthene 83-32-9	X	X	X
Benzo[a]pyrene 50-32-8	X	X	X
Benzo(b)fluoranthene 205-99-2	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 0	Special hazards -
<b>HMIS</b>	Health hazards 2 *	Flammability 0	Physical hazards 0	Personal protection X

*Chronic Hazard Star Legend* \* = Chronic Health Hazard

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

Issuing Date 09-Sep-2020

Revision Date 09-Sep-2020

Revision Note Initial Release.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

