

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Trade name or designation of the mixture** HyPrene BO150

**Registration number** 01-2119467170-45

**Synonyms** None.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Tire Oils, Rubber Compounding, Automotive & Industrial Hoses, Adhesives, Carpet Backing, Carbon Black, Banbury Dust Stop, Defoamers, Sealants, Belts & Hoses.

**Uses advised against** None known.

**1.3. Details of the supplier of the safety data sheet**

**Manufacturer:** Ergon, Inc.  
P.O. Box 1639  
Jackson, MS 39181 USA

**EU Contact:** Ergon International, Inc.  
Drève Richelle 161 Building C  
B-1410 Waterloo, Belgium

**Emergency Phone Numbers:**

**US Customer Service:** + 1-800-222-7122

**Chemtrec:** + 1-800-424-9300 After Business Hours (North America)  
+ 1-703-527-3887 (International),  
+32-28083237 (Belgium)  
+33-975181407 (France)  
+49-69643508409 (Germany)  
+39-0245557031 (Italy)  
+34-931768545 (Spain)

**E-mail:** sds@ergon.com

**Poison Centre (Centre Antipoisons - Belgium):** +32022649636

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 as amended**

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

**2.2. Label elements****Label according to Regulation (EC) No. 1272/2008 as amended**

**Contains:** Distillates (petroleum), hydrotreated heavy naphthenic, ASPHALT

**Hazard pictograms** None.

**Signal word** Not applicable.

**Hazard statements** Not applicable.

**Precautionary statements**

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Supplemental label information** None.

**2.3. Other hazards** None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hydrotreated heavy naphthenic	60 - 95	64742-52-5 265-155-0	01-2119467170-45	649-465-00-7	
<b>Classification:</b> -					L
ASPHALT	5 - 40	8052-42-4 232-490-9	01-2119480172-44	-	
<b>Classification:</b> Flam. Liq. 2;H225					

#### Composition comments

Note L - Not classified as a carcinogen. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

## SECTION 4: First aid measures

#### General information

Contact physician if discomfort continues.

#### 4.1. Description of first aid measures

##### Inhalation

Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

##### Skin contact

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

##### Eye contact

Flush thoroughly with water. If irritation occurs, get medical assistance.

##### Ingestion

Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

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

Defatting of the skin.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

#### General fire hazards

No unusual fire or explosion hazards noted.

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Halon. Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>). Water spray or fog. Do not use water jet as an extinguisher, as this will spread the fire.

##### Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

#### 5.2. Special hazards arising from the substance or mixture

No unusual fire or explosion hazards noted.

#### 5.3. Advice for firefighters

##### Special protective equipment for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

##### Special fire fighting procedures

Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurized air mask if product is involved in a fire.

## SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

##### For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS. Local authorities should be advised if significant spillages cannot be contained. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear appropriate protective equipment and clothing during clean-up.

## 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

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

Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth or absorbent material then place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

## 6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

## 7.2. Conditions for safe storage, including any incompatibilities

Use care in handling/storage. Keep away from heat, sparks and open flame. Store in a well-ventilated place.

## 7.3. Specific end use(s)

Not available.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Occupational exposure limits

**Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended**

Material	Type	Value	Form
HyPrene BO150	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	Fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended**

Material	Type	Value
HyPrene BO150	TWA	5 mg/m3
Components	Type	Value
ASPHALT (CAS 8052-42-4)	STEL	10 mg/m3
	TWA	5 mg/m3
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3

**Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended**

Components	Type	Value
ASPHALT (CAS 8052-42-4)	MAC	5 mg/m3
	STEL	10 mg/m3

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	Fume.

**Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	2 mg/m3	Dust.

**Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2**

Material	Type	Value	Form
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HyPrene BO150	TLV	1 mg/m3	Mist.
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Components	Type	Value	Form
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ASPHALT (CAS 8052-42-4)	STEL	2 mg/m3	Dust.
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	TLV	1 mg/m3	Dust.
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Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	2 mg/m3	Mist.
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	TLV	1 mg/m3	Mist.
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**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	Vapor.

**Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health**

Components	Type	Value	Form
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Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.
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**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	1,5 mg/m3	Vapor and aerosol.

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	AGW	1,5 mg/m3	Vapor and aerosol.

**Greece. OELs, Presidential Decree No. 307/1986, as amended**

Material	Type	Value	Form
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HyPrene BO150	TWA	5 mg/m3	Mist.
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Components	Type	Value	Form
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ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	
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Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.
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**Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended**

Components	Type	Value	Form
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Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.
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**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

Material	Type	Value	Form
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HyPrene BO150	Ceiling	5 mg/m3	Mist.
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**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

Material	Type	Value	Form
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HyPrene BO150	TWA	1 mg/m3	Mist.
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**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	Fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	1 mg/m3	Mist.

**Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0,5 mg/m3	Inhalable fraction and fume

**Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0,5 mg/m3	Inhalable fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	4 mg/m3	Dust.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	

**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

Material	Type	Value	Form
HyPrene BO150	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

**Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended**

Material	Type	Value	Form
HyPrene BO150	TWA	5 mg/m3	Mist.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	550 ng/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

**Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended**

Material	Type	Value	Form
HyPrene BO150	TLV	1 mg/m3	Mist.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TLV	5 mg/m3	Fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.

**Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)**

Material	Type	Value	Form
HyPrene BO150	STEL	10 mg/m3	Aerosol.
	TWA	5 mg/m3	Aerosol.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	STEL	10 mg/m3	Inhalable fraction.
	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)**

Material	Type	Value	Form
HyPrene BO150	STEL	10 mg/m3	Aerosol.
	TWA	5 mg/m3	Aerosol.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0,5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)**

Material	Type	Value	Form
HyPrene BO150	STEL	10 mg/m3	
	TWA	5 mg/m3	
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	5 mg/m3	Fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	
	TWA	5 mg/m3	

**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
		15 ppm	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.

**Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)**

Material	Type	Value	Form
HyPrene BO150	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0,5 mg/m3	Aerosol.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended**

Material	Type	Value	Form
HyPrene BO150	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	STEL	20 mg/m3	Vapor and aerosol.
	TWA	5 mg/m3	Vapor and aerosol.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1**

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.

**Biological limit values**

**Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2**

Components	Value	Determinant	Specimen	Sampling Time
ASPHALT (CAS 8052-42-4)	3,77 µg/g	1-Hydroxypyrene	Creatinine in urine	*
	5,66 µg/l	1-Hydroxypyrene	Urine	*

\* - For sampling details, please see the source document.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle BAT-Werte**

Components	Value	Determinant	Specimen	Sampling Time
ASPHALT (CAS 8052-42-4)	3,5 µg/l	1-Hydroxypyrene (nach Hydrolyse)	Urine	*

\* - For sampling details, please see the source document.

**UK. BELs. Biological Monitoring Guidance Values (BMGVs) (EH40/2005 (Fourth Edition 2020)), Table 2**

Components	Value	Determinant	Specimen	Sampling Time
ASPHALT (CAS 8052-42-4)	4 µmol/mol	1-Hydroxypyrene	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Recommended monitoring procedures** Not available.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**Exposure guidelines**

**Belgium OELs: Skin designation**

ASPHALT (CAS 8052-42-4) Can be absorbed through the skin.

**Croatia ELVs: Skin designation**

ASPHALT (CAS 8052-42-4) Can be absorbed through the skin.

**Denmark GV: Skin designation**

ASPHALT (CAS 8052-42-4) Can be absorbed through the skin.

**EU. OELs from Annex III, Part A to Directive 2004/37/EC: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Finland Exposure Limit Values: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**France Mandatory OELs (VLEP): Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Germany DFG MAK (advisory): Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Germany TRGS 900 Limit Values: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Iceland OELs: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Ireland Exposure Limit Values: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Netherlands OELs (binding): Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Norway Exposure Limit Values: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Romania OELs: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Slovakia OELs for Carcinogens and Mutagens: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Sweden Threshold Limit Values: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**Switzerland SUVA Limit Values at the Workplace: Skin designation**

ASPHALT (CAS 8052-42-4)	Can be absorbed through the skin.
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**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Individual protection measures, such as personal protective equipment****General information**

Not available.

**Eye/face protection**

Goggles/face shield are recommended.

**Skin protection****- Hand protection**

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

**- Other**

Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

**Respiratory protection**

Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental exposure controls**

Not available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state**

Liquid.

**Form**

Liquid.

**Color**

Dark brown to Black

**Odor**

Mild Petroleum Odor

**Melting point/freezing point**

17,6 °F (-8 °C) ASTM D5949/ ISO 3016

**Boiling point or initial boiling point and boiling range**

>650 °F (>343,33 °C) ASTM D7169

**Flammability**

Not available.

**Upper/lower flammability or explosive limits****Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.



<b>Flash point</b>	469,4 °F (243,0 °C) Cleveland Open Cup ASTM D92/ ISO 2592
<b>Auto-ignition temperature</b>	>600 °F (>315,56 °C) ASTM E659
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not available.
<b>Kinematic viscosity</b>	Not available.

#### **Solubility**

**Solubility (water)** Insoluble

**Partition coefficient (n-octanol/water) (log value)** Not established.

**Vapor pressure** Not available.

#### **Density and/or relative density**

**Relative density** 0,942 (60 °F (15,56 °C) ASTM D4052/ ISO 12185)

**Vapor density** >5

**Particle characteristics** Not available.

### **9.2. Other information**

**9.2.1. Information with regard to physical hazard classes** No relevant additional information available.

#### **9.2.2. Other safety characteristics**

**Viscosity** 682 cSt (104 °F (40 °C) ASTM D445/ ISO 3104)

## **SECTION 10: Stability and reactivity**

**10.1. Reactivity** Strong oxidizing agents.

**10.2. Chemical stability** Stable.

**10.3. Possibility of hazardous reactions** Hazardous polymerization does not occur.

**10.4. Conditions to avoid** Heat, flames and sparks. Avoid temperatures exceeding the flash point.

**10.5. Incompatible materials** Strong oxidizing agents.

**10.6. Hazardous decomposition products** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## **SECTION 11: Toxicological information**

**General information** Not available.

### **Information on likely routes of exposure**

**Inhalation** May be harmful if swallowed and enters airways. However, this product does not currently meet the criteria for classification.

**Skin contact** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Eye contact** May be irritating to eyes.

**Ingestion** May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration.

**Symptoms** Not available.

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Not classified.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
ASPHALT (CAS 8052-42-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

Not available. \* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** May cause defatting of the skin, but is neither an irritant nor a sensitizer.

**Serious eye damage/eye irritation** Not classified.

<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Non-mutagenic based on Modified Ames Assay.
<b>Carcinogenicity</b>	Note L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Mixture versus substance information</b>	Not available.

#### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	Not available.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Not expected to be harmful to aquatic organisms.
<b>12.2. Persistence and degradability</b>	Not inherently biodegradable.
<b>12.3. Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Partition coefficient n-octanol/water (log Kow)</b>	Not established.
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	Not available.
<b>12.5. Results of PBT and vPvB assessment</b>	Not a PBT or vPvB substance or mixture.
<b>12.6. Endocrine disrupting properties</b>	Not available.
<b>12.7. Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### 12.8. Additional information

##### Estonia Dangerous substances in soil Data

ASPHALT (CAS 8052-42-4)

PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the substances) 20 MG/KG  
PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the substances) 200 MG/KG  
PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the substances) 5 MG/KG

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>Residual waste</b>	Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.
<b>EU waste code</b>	Not applicable. Waste codes should be assigned by the user based on the application for which the product was used.
<b>Disposal methods/information</b>	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

## SECTION 14: Transport information

#### ADR

<b>14.1. UN number</b>	Not regulated as dangerous goods.
<b>14.2. UN proper shipping name</b>	Not regulated as dangerous goods.

**14.3. Transport hazard class(es)**

Class	Not assigned.
Subsidiary hazard	-
Hazard No. (ADR)	Not assigned.
Tunnel restriction code	Not assigned.

**14.4. Packing group** -**14.5. Environmental hazards** No.**14.6. Special precautions for user** Not assigned.**RID****14.1. UN number** Not regulated as dangerous goods.**14.2. UN proper shipping name** Not regulated as dangerous goods.**14.3. Transport hazard class(es)**

Class	Not assigned.
Subsidiary hazard	-

**14.4. Packing group** -**14.5. Environmental hazards** No.**14.6. Special precautions for user** Not assigned.**ADN****14.1. UN number** Not regulated as dangerous goods.**14.2. UN proper shipping name** Not regulated as dangerous goods.**14.3. Transport hazard class(es)**

Class	Not assigned.
Subsidiary hazard	-

**14.4. Packing group** -**14.5. Environmental hazards** No.**14.6. Special precautions for user** Not assigned.**IATA****14.1. UN number** Not regulated as dangerous goods.**14.2. UN proper shipping name** Not regulated as dangerous goods.**14.3. Transport hazard class(es)**

Class	Not assigned.
Subsidiary hazard	-

**14.4. Packing group** -**14.5. Environmental hazards** No.**14.6. Special precautions for user** Not assigned.**IMDG****14.1. UN number** Not regulated as dangerous goods.**14.2. UN proper shipping name** Not regulated as dangerous goods.**14.3. Transport hazard class(es)**

Class	Not assigned.
Subsidiary hazard	-

**14.4. Packing group** -**14.5. Environmental hazards****Marine pollutant** No.**EmS** Not assigned.**14.6. Special precautions for user** Not assigned.**14.7. Maritime transport in bulk according to IMO instruments** Not available.**General information** Not regulated as dangerous goods.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorizations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

#### Other EU regulations

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended**

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

ASPHALT (CAS 8052-42-4)

#### Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EU) 2020/878.

#### National regulations

Germany: WGK 1

#### France regulations

**France INRS Table of Occupational Diseases**

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse 36

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

#### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## SECTION 16: Other information

**List of abbreviations** Not available.

**References**  
ACGIH  
IARC Monographs. Overall Evaluation of Carcinogenicity  
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices  
Chemical Abstracts Service Registry Handbook  
CRC: Handbook of Chemistry and Physics  
ILO Safety Cards  
International Labour Organization  
International Maritime Organization Marine Pollutants List  
NFPA Hazardous Chemical Data Sheets  
NIOSH Pocket Guide  
Registry of Toxic Effects of Chemical Substances (RTECS)  
US DOT Hazardous Materials Regulations

**Information on evaluation method leading to the classification of mixture** Not available.

**Full text of any statements, which are not written out in full under sections 2 to 15** H225 Highly flammable liquid and vapor.

**Revision information** None.

**Training information** Not available.

**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.