

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 01/13/2020 Revision date: 01/13/2020 Version: 1.0

#### **SECTION 1: Identification**

1.1. Identification

Product form : Mixture

Product name : MA EPH Aromatics Mix

Product code : AL0-101791

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Certified reference material for laboratory use only

Phenova

6390 Joyce Dr. Suite 100

Golden, CO 80403 - United States T 1-866-942-2978 - F 1-866-283-0269 info@phenova.com - www.phenova.com

1.4. Emergency telephone number

**Emergency number** : ChemTel Assistance (US/Canada) 1-800-255-3924

ChemTel Assistance (International) +1 813-248-0585

#### SECTION 2: Hazard(s) identification

#### **GHS US classification**

Skin sensitization, Category H317 May cause an allergic skin reaction

Germ cell mutagenicity H340 May cause genetic defects

Category 1B

Carcinogenicity Category H350

Full text of H statements: see section 16

#### GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS US)





Signal word (GHS US) : Danger

Hazard statements (GHS US) : H317 - May cause an allergic skin reaction

H340 - May cause genetic defects

May cause cancer

H350 - May cause cancer

Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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

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

P403+P235 - Store in a well-ventilated place. Keep cool.

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

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

#### Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

01/13/2020 EN (English US) Page 1

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### **SECTION 3: Composition/Information on ingredients**

#### 3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc.
Methylene Chloride (Component)	(CAS-No.) 75-09-2	96.6
benzo[a]anthracene (Component)	(CAS-No.) 56-55-3	0.2
benzo[a]pyrene (Component)	(CAS-No.) 50-32-8	0.2
Benzo(b)fluoranthene (Component)	(CAS-No.) 205-99-2	0.2
benzo[k]fluoranthene (Component)	(CAS-No.) 207-08-9	0.2
chrysene (Component)	(CAS-No.) 218-01-9	0.2
dibenz(a,h)anthracene (Component)	(CAS-No.) 53-70-3	0.2
naphthalene (Component)	(CAS-No.) 91-20-3	0.2
indeno(1,2,3-cd)pyrene (Component)	(CAS-No.) 193-39-5	0.2

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

#### **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 exposed or concerned: Get

medical advice/attention.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Immediately call a poison center or doctor/physician. Wash with plenty of

soap and water. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms

: Harmful in contact with skin.

Symptoms/effects after skin contact

: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

#### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

#### **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

#### No additional information available

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

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

01/13/2020 EN (English US) 2/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Methods for cleaning up : Take up in absorbent material. Collect spillage.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

#### **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. Provide good ventilation in process area to prevent formation

of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.

Hygiene measures : Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated

clothing. Wash contaminated clothing before reuse.

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

Storage conditions : Keep container closed when not in use. Keep container tightly closed and in a well-ventilated

place. Keep away from any flames or sparking source.

Incompatible materials : Direct sunlight.

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

MA EPH Aromatics Mix		
ACGIH	Local name	Dichloromethane
ACGIH	ACGIH TWA (ppm)	50 ppm
ACGIH	Remark (ACGIH)	COHb-emia; CNS impair
ACGIH	Regulatory reference	ACGIH 2018
OSHA	Remark (OSHA)	(2) See Table Z-2.
OSHA	Regulatory reference (US-OSHA)	OSHA

#### benzo[a]anthracene (56-55-3)

Not applicable

### benzo[a]pyrene (50-32-8)

Not applicable

#### Benzo(b)fluoranthene (205-99-2)

Not applicable

#### benzo[k]fluoranthene (207-08-9)

Not applicable

#### chrysene (218-01-9)

Not applicable

#### dibenz(a,h)anthracene (53-70-3)

Not applicable

#### indeno(1,2,3-cd)pyrene (193-39-5)

Not applicable

01/13/2020 EN (English US) 3/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

naphthalene (91-20-3)			
ACGIH	Local name	Naphthalene	
ACGIH	ACGIH TWA (ppm)	10 ppm (Naphthalene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)	
ACGIH	Remark (ACGIH)	Hematologic eff; URT & eye irr; Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)	
ACGIH	Regulatory reference	ACGIH 2018	
OSHA	OSHA PEL (TWA) (mg/m³)	50 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	10 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA	
Methylene Chloride (75-09-2)	Methylene Chloride (75-09-2)		
ACGIH	Local name	Dichloromethane	
ACGIH	ACGIH TWA (ppm)	50 ppm	
ACGIH	Remark (ACGIH)	COHb-emia; CNS impair	
ACGIH	Regulatory reference	ACGIH 2018	
OSHA	Remark (OSHA)	(2) See Table Z-2.	
OSHA	Regulatory reference (US-OSHA)	OSHA	

#### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Either local exhaust or general room ventilation is usually required.

#### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Safety glasses.

#### Hand protection:

Wear chemically resistant protective gloves. Wear suitable gloves resistant to chemical penetration

#### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### Skin and body protection:

Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

#### Respiratory protection:

Wear appropriate mask

#### Personal protective equipment symbol(s):







#### Other information:

Do not eat, drink or smoke during use.

01/13/2020 EN (English US) 4/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

: Colorless

: characteristic

Odor threshold : No data available

pH : No data available
Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Non flammable.

Vapor pressure : No data available

Vapor pressure : No data available Relative vapor density at 20 °C : No data available

Relative density : No data available

Solubility : No data available

Log Pow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosion limits : No data available

Explosive properties : No data available

Oxidizing properties : No data available

#### 9.2. Other information

No additional information available

#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

#### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

naphthalene (91-20-3)	
LD50 oral rat	> 1100 mg/kg (Rat)
LD50 dermal rat	> 2500 mg/kg (Rat)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit)
ATE US (oral)	500 mg/kg body weight

01/13/2020 EN (English US) 5/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methylene Chloride (75-09-2)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
Skin corrosion/irritation	: Not classified
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.
benzo[a]anthracene (56-55-3)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
benzo[a]pyrene (50-32-8)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Benzo(b)fluoranthene (205-99-2)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
benzo[k]fluoranthene (207-08-9)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
dibenz(a,h)anthracene (53-70-3)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
indeno(1,2,3-cd)pyrene (193-39-5)	
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
naphthalene (91-20-3)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Methylene Chloride (75-09-2)	
IARC group	2A - Probably carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Harmful in contact with skin.
Symptoms/effects after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

#### SECTION 12: Ecological information

12.1.	Toxicity	

Ecology - water : Very toxic to aquatic life with long lasting effects.

benzo[a]anthracene (56-55-3)	
LC50 fish 1	0.0018 mg/l (65 h, Pimephales promelas, Lethal)
EC50 Daphnia 1	0.01 mg/l (96 h, Daphnia pulex, Static system)
benzo[a]pyrene (50-32-8)	
LC50 fish 1	0.0056 mg/l (38 h, Pimephales promelas, Lethal)

01/13/2020 EN (English US) 6/14

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

EGSD paphnia 1 2.16 mg/l (EGSD; 48 h. Daphnia magna) (LGSD fish 2 0.11 mg/l (LGSD; 9 hr. Oncorthynchus mykiss) Threshold limit algae 1 0.4 mg/l (EGSD; 72 hr.; Skeletonema costatum)  Methylene Chloride (75-09-2)  LGSD fish 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EGSD Daphnia 1 193 mg/l (96 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value) EFF sistence and degradability MAR EFH Aromatics Mix Persistence and degradability May cause long-term adverse effects in the environment.  Benzolpjgnene (56-55-3)  Benzolpjgnene (56-55-3)  Benzolpjgnene (50-32-8)  Benzolpjgnene (50-32-8)  Benzolpjgnene (50-32-8)  Benzolpjgnene (50-32-8)  Benzolpjfluoranthene (205-99-2)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Benzolpjfluoranthene (207-08-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Benzolpjfluoranthene (207-08-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Benzolpjfluoranthene (207-08-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Benzolpjfluoranthene (207-08-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Benzolpjfluoranthene (207-08-9)  Persistence and degradabil	nonhthologo (04 20 2)	
LCSO fish 2 0.4 mg/l (CSC); 72 h; Skeletonema costatum)  Methylene Chloride (75-08-2) 10250 Rephina 1 1035 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10250 Daphina 1 1035 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10250 Paphina 1 1035 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10350 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10350 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10450 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental value) 10500 mg/l (96 h; Plinephales promelas, Flow-through system, Fresh water, Experimental mg/l (96 h; Plinephales) 10500 mg/l (96 h;	naphthalene (91-20-3)	2.46 mg/l (EC50: 49 h; Donhnia magna)
Threshold limit algae 1 0.4 mg/l (ECS0. 72 h. Skeletonema costatum)  Mathylenc Chloride (75-09-2)  LCS0 fish 1 193 mg/l (96 h. Pinnephales promelas. Flow-through system. Fresh water. Experimental value) ECS0 Daphnia 1 1982 mg/l (48 h. Daphnia magna)  22.2 Partistance and degradability  MA EPH Aromatics Mix  Persistence and degradability  May cause long-term adverse effects in the environment.  Benzo[ajanthzacene (65-55-3)  Persistence and degradability  Biodegradability in soil: no data available. Inhibits biodegradation processes in the soil. Not readily biodegradable in water.  ThOD 2.95 g Ovig substance  benzo[ajnthzacene (55-55-3)  Persistence and degradability  Biodegradabile in the soil. Not readily biodegradable in water.  Chemical oxygen demand (COO)  2.92 g Ovig substance  Biozecly displayment (50-39-3)  Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  ThOD 2.92 g Ovig substance  Benzo[bj/lucranthene (207-08-9)  Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  2.92 g Ovig substance  Benzo[bj/lucranthene (207-08-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  2.92 g Ovig substance  Benzo[bj/lucranthene (207-08-9)  Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  dibenzig. hjanthracene (53-70-3)  Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  dibenzig. hjanthracene (53-70-3)  Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  dibenzig. hjanthracene (58-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  Biodenmical oxygen demand (COO)  2.93 g Ovig substance  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water. Biodegradable in the soil. Photolysis in the air.  Biodermical oxygen demand (COO)  2.29 g Ovig substance  Biodegradabi	·	
Methylene Chloride (76-09-2)		
LCSG fish   183 mg/l (98 h. Pimephales promelas, Flow-through system, Fresh water, Experimental value)   ECSG Daphnia 1   1868.2 mg/l (48 h. Daphnia magna)   Persistence and degradability	Ţ.	0.4 mg/r (E000, 72 m, Okeletoriema costatum)
ECSD Daphnia 1 188.2 mgl (48 h. Daphnia magna)  12.2. Persistence and degradability  Persistence and degradability  May cause long-term adverse effects in the environment.  **Denzo[a]anthracene (65-65-3)  **Persistence and degradability  Biodegradability in soit: no data available. Inhibits biodegradation processes in the soil. Not readily biodegradabile in water.  ThroD 25 g Q-/g substance  **Denzo[a]pyrene (50-32-8)  **Persistence and degradability  Biodegradabile in the soil. Not readily biodegradabile in water.  ThroD 22 g Q-/g substance  **Denzo[a]pyrene (50-32-8)  **Persistence and degradability  Non degradabile in the soil. Not readily biodegradable in water.  ThroD 22 g Q-/g substance  **Benzo[k]fluoranthene (200-99-2)  **Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  **ThroD 22 g Q-/g substance  **Denzo[k]fluoranthene (207-08-9)  **Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  **ThroD 22 g Q-/g substance  **Chrysene (218-01-9)  **Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  **ThroD 25 g Q-/g substance  **Chrysene (218-01-9)  **Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  **ThroD 29 g Q-/g substance  **ThroD 39 g Q-/g substance  **ThroD 49 g Q-/g substance  **ThroD 40 g Q-/g substance  **ThroD 40 g Q-/g subst	-	400 mm/l (00 h Birmanhala annual la Flandhanach and an Francisco de la
Persistence and degradability   May cause long-term adverse effects in the environment.		
MA EPH Aromatics Mix Persistence and degradability May cause long-term adverse effects in the environment.  Persistence and degradability Biodegradability in soil no data available, Inhibits biodegradation processes in the soil. Not readily biodegradable in water.  ThOD 2.55 g O/g substance  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  ThOD 2.92 g O/g substance  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Diodect	ЕСЭО Барппіа Т	106.2 mg/i (46 n, Daprinia magna)
Persistence and degradability  benzo[a]anthracene (56-56-3)  Persistence and degradability  Biodegradability in soil: no data available. Inhibits biodegradation processes in the soil. Not readily biodegradable in water.  ThOD  2.95 g O <sub>2</sub> /g substance  benzo[a]pyrene (50-32-8)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  Chemical oxygen demand (COD)  2.92 g O <sub>2</sub> /g substance  ThOD  2.92 g O <sub>3</sub> substance  Benzo[b]fluoranthene (205-99-2)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O <sub>3</sub> substance  Benzo[b]fluoranthene (207-98-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O <sub>3</sub> g substance  benzo[b]fluoranthene (207-98-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O <sub>3</sub> g substance  thysene (218-01-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (55-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Not readily biodegradable in water. Biodegradable in the soil. Notors and the soil. Not readily biodegradable in the soil. Not readily biodegradable in the soil. Not readily biodegradable in water.  Biochemical oxygen demand (BOD)  0.90 o/g substance  1 persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adorsors in the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0.90 o/g substance  Def site of the availative potential  Not established.  Not established.  Persistence and degradability  Biodeg	12.2. Persistence and degradability	
Persistence and degradability  Biologgradability in soil: no data available. Inhibits biodegradation processes in the soil. Not readily biodegradable in water.  ThOD  2.95 g O₂/g substance  benzo[a]pyrene (50-32-8)  Persistence and degradability  Biologgradable in the soil. Not readily biodegradable in water.  Chemical oxygen demand (COD)  2.92 g O₂/g substance  Benzo(b]fluoranthene (205-99-2)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O₂/g substance  Benzo(b]fluoranthene (205-99-2)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O₂/g substance  benzo(b]fluoranthene (207-08-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O₂/g substance  chrysene (218-01-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a).hjanthracene (53-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  Indon (1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  Indon (1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  Biochemical oxygen demand (BOD)  0.20 g o₂/g substance  septimation (61-20-3)  Persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs in the soil. Not readily biodegradable in water.  Biochemical oxygen demand (BOD)  0.20 g o₂/g substance  Metrylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in water.  Biocacumulative potential  Not established.  Not established.  Not established.  Biocacumulative potential  Not establis	MA EPH Aromatics Mix	
Persistence and degradability Fino 2,95 g O₂/g substance    Persistence and degradability   Solit   For addity biodegradable in water.	Persistence and degradability	May cause long-term adverse effects in the environment.
Ireadily biodegradable in water.  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  Chemical oxygen demand (COD) 2,92 g Ox/g substance  ThOD 2,92 g Ox/g substance  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,92 g Ox/g substance  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,92 g Ox/g substance  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,92 g Ox/g substance  Chrysone (218-01-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Not readily biodegradable in water.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Photolysis in the air.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Photolysis in the air.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Photolysis in the air.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Photolysis in the air.  Persistence and degradability Readily biodegradable in water.  Persistence and degradability Readily biodegradable in the soil. Not readily biodegradable	benzo[a]anthracene (56-55-3)	
Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Diobacy (a.h) and thracene (53-70-3)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Diobacy (a.h) and thracene (53-70-3)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Diobacy (a.h) and thracene (53-70-3)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil.  ### Adorbors into the soil. Photolysis in the air.  ### Biodemical oxygen demand (BOD)  ### Q. 29 g. 0./g substance  ### Diobacy (a.p. g.	Persistence and degradability	
Persistence and degradability Chemical oxygen demand (COD) 2.9.2 g Os/g substance ThOD 2.9.2 g Os/g substance  Benzo(b)fluoranthene (205-99-2) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water. ThOD 2.9.2 g Os/g substance  benzo(k)fluoranthene (207-08-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water. ThOD 2.9.2 g Os/g substance  benzo(k)fluoranthene (207-08-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  thoD 2.9.2 g Os/g substance  chrysene (218-01-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a, h)anthracene (53-70-3) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-33-5) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-33-5) Persistence and degradability Non degradable in water. Forming sediments in water. Biodegradable in the soil. Not readily biodegradable in water.  paphthalene (91-20-3) Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs in the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) Q Q Og substance Chemical oxygen demand (GOD) Q D Q substance  Chemical oxygen demand (GOD) Q D Q substance  Biodegradable in the soil. Not readily biodegradable in water.  Bioaccumulative potential  Material Agenta Silva Biodegradable in the soil. Not readily biodegradable in water.  Bioaccumulative potential  Non degradable in the soil. Not readily biodegradable in water.  Bioaccumulative potential  Non degradable in the soil. Not readily biodegradable in water.  Bioaccumulative potential  Non degradable in the soil. Not readily biodegradable in water.  Bioaccumulative potential  Non degradable in water.  Soil (72 h, Leuciscus idus)  Soil (72 h, Leuciscus idus)  Soil (72 h, Leuciscus idus)	ThOD	2.95 g O₂/g substance
Chemical oxygen demand (COD) 2.92 g Oy/g substance  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### DESTINATION OF THE PROPRIET	benzo[a]pyrene (50-32-8)	
ThOD 2,92 g Oy'g substance  Benzo(b)fluoranthene (205-99-2)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,92 g Oy'g substance  benzo[k)fluoranthene (207-08-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,92 g Oy'g substance  chrysene (218-01-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,b)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indenc(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,9 g Oy'g substance  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0,0 oy'g substance  Chemical oxygen demand (COD) 0,22 g Oy'g substance  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0,29 g oy'g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  2.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  Derother aquatic organisms 1 106 (24 h, Daphnia pulex) 1106 (24 h, Daphnia pulex) 1109 (29 h, Crassostrea sp.) 1109 (29 h, Crassostrea sp.) 1109 (29 h, Crassostrea sp.)	ů ,	Biodegradable in the soil. Not readily biodegradable in water.
Benzo(b)fluoranthene (205-99-2) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2.92 g Ox/g substance  Chrysene (218-01-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g Ox/g substance  Chemical oxygen demand (COD) 0.22 g Ox/g substance  Chemical oxygen demand (COD) 0.22 g Ox/g substance  Wethylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  2.3. Bioaccumulative potential  MA EPH Aromatics MX  Bioaccumulative potential Not established.  Persistence and degradability Potential No	Chemical oxygen demand (COD)	2.92 g O₂/g substance
Persistence and degradability  ThOD  2.92 g O <sub>x</sub> /g substance  benzo[k]fluoranthene (207-08-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O <sub>x</sub> /g substance  chrysene (218-01-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.9 g O <sub>x</sub> /g substance  naphthalene (91-20-3)  Persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0 g O <sub>x</sub> /g substance  Chemical oxygen demand (COD)  0.22 g O <sub>x</sub> /g substance  Chemical oxygen demand (COD)  2.99 g O <sub>x</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  MA EPH Aromatics Mix  Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-56-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 2  1800 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	ThOD	2.92 g O₂/g substance
Persistence and degradability  ThOD  2.92 g O <sub>x</sub> /g substance  benzo[k]fluoranthene (207-08-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.92 g O <sub>x</sub> /g substance  chrysene (218-01-9)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  Non degradable in the soil. Not readily biodegradable in water.  ThOD  2.9 g O <sub>x</sub> /g substance  naphthalene (91-20-3)  Persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0 g O <sub>x</sub> /g substance  Chemical oxygen demand (COD)  0.22 g O <sub>x</sub> /g substance  Chemical oxygen demand (COD)  2.99 g O <sub>x</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  MA EPH Aromatics Mix  Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-56-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 2  1800 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	Benzo(b)fluoranthene (205-99-2)	
Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,3-cd)pyrene (193-39-5)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,3-cd)pyrene (193-39-5)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,3-cd)pyrene (193-39-5)  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### dibenz(a,3-cd)pyrene (193-39-5)  ### Persistence and degradability Non degradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  ### dibenz(a) axygen demand (BOD)  ### dibenz(a) ax		Non degradable in the soil. Not readily biodegradable in water.
Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,9 g O <sub>2</sub> /g substance  chrysene (218-01-9)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2,9 g O <sub>3</sub> /g substance  naphthalene (91-20-3)  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0, g O <sub>3</sub> /g substance  Chemical oxygen demand (COD) 0, 22 g O <sub>3</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  2,3 Bioaccumulative potential  MA EPH Aromatics Mix Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  Log Pow 5,61-5,79	ThOD	2.92 g O₂/g substance
Persistence and degradability	hannally life you though (207.00.0)	
ThOD 2.92 g Os/g substance  chrysene (218-01-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2.9 g Os/g substance  naphthalene (91-20-3) Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g Os/g substance  Chemical oxygen demand (COD) 0.22 g Os/g substance  ThOD 2.99 g Os/g substance  Methylene Chloride (75-09-2) Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  Not established.  MA EPH Aromatics Mix  Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3) BCF fish 1 350 (72 h, Leuciscus idus) BCF other aquatic organisms 1 1800 (192 h, Crassostrea sp.) Log Pow 5.61 - 5.79		Non degradable in the soil. Not readily hiddegradable in water
chrysene (218-01-9) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  dibenz(a,h)anthracene (53-70-3) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  indeno(1,2,3-cd)pyrene (193-39-5) Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2.9 g O₂/g substance  raphthalene (91-20-3) Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g O₂/g substance Chemical oxygen demand (COD) 0.22 g O₂/g substance  Chemical oxygen demand (COD) 0.22 g O₂/g substance  Methylene Chloride (75-09-2) Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  2.3. Bioaccumulative potential  MA EPH Aromatics Mix Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3) BCF fish 1 350 (72 h, Leuciscus idus) BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex) BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.) Log Pow 5.61 - 5.79	0 ,	
Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  ### Biochemical oxygen demand (BOD) Og Os/g substance  ### Persistence and degradability Degradable in water.  ### Persistence and degradability Degradable in the soil. Not readily biodegradable in water.  ### Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  #### Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  #### Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  ##### Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  ###################################	11102	2.92 g O₂/g substance
dibenz(a,h)anthracene (53-70-3)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2.9 g Os/g substance  Inaphthalene (91-20-3)  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0.2 g Os/g substance  Chemical oxygen demand (COD) 0.22 g Os/g substance  ThOD 2.99 g Os/g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61-5.79	chrysene (218-01-9)	
Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  Indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability Non degradable in the soil. Not readily biodegradable in water.  ThOD 2.9 g O <sub>s</sub> /g substance  Inaphthalene (91-20-3)  Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g O <sub>s</sub> /g substance  Chemical oxygen demand (COD) 0.22 g O <sub>s</sub> /g substance  ThOD 2.99 g O <sub>s</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  5.61 - 5.79	Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.
indeno(1,2,3-cd)pyrene (193-39-5)  Persistence and degradability  ThOD  2.9 g O <sub>2</sub> /g substance  naphthalene (91-20-3)  Persistence and degradability  Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0 g O <sub>2</sub> /g substance  Chemical oxygen demand (COD)  0.22 g O <sub>2</sub> /g substance  ThOD  2.99 g O <sub>2</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  Log Pow  5.61 - 5.79	dibenz(a,h)anthracene (53-70-3)	
Persistence and degradability ThOD 2.9 g Oz/g substance  naphthalene (91-20-3) Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g Oz/g substance Chemical oxygen demand (COD) 0.22 g Oz/g substance ThOD 2.99 g Oz/g substance  Methylene Chloride (75-09-2) Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3) BCF fish 1 350 (72 h, Leuciscus idus) BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex) BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.) Log Pow 5.61 - 5.79	Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.
ThOD       2.9 g O₂/g substance         naphthalene (91-20-3)         Persistence and degradability       Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.         Biochemical oxygen demand (BOD)       0 g O₂/g substance         Chemical oxygen demand (COD)       0.22 g O₂/g substance         Methylene Chloride (75-09-2)         Persistence and degradability       Biodegradable in the soil. Not readily biodegradable in water.         2.3. Bioaccumulative potential         MA EPH Aromatics Mix         Bioaccumulative potential       Not established.         benzo[a]anthracene (56-55-3)         BCF fish 1       350 (72 h, Leuciscus idus)         BCF other aquatic organisms 1       1106 (24 h, Daphnia pulex)         BCF other aquatic organisms 2       18000 (192 h, Crassostrea sp.)         Log Pow       5.61 - 5.79	indeno(1,2,3-cd)pyrene (193-39-5)	
naphthalene (91-20-3) Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD) 0 g O₂/g substance Chemical oxygen demand (COD) 0.22 g O₂/g substance ThOD 2.99 g O₂/g substance  Methylene Chloride (75-09-2) Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3) BCF fish 1 350 (72 h, Leuciscus idus) BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex) BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.) Log Pow 5.61-5.79	Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.
Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0 g O <sub>2</sub> /g substance  Chemical oxygen demand (COD)  1.29 g O <sub>2</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  5.61 - 5.79	ThOD	2.9 g O₂/g substance
Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.  Biochemical oxygen demand (BOD)  0 g O <sub>2</sub> /g substance  Chemical oxygen demand (COD)  1.29 g O <sub>2</sub> /g substance  Methylene Chloride (75-09-2)  Persistence and degradability Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  5.61 - 5.79	nanhthalana (91-20-3)	
Biochemical oxygen demand (BOD)  0 g Oz/g substance  0.22 g Oz/g substance  ThOD  2.99 g Oz/g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79		, ,
ThOD  2.99 g O₂/g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  12.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	Biochemical oxygen demand (BOD)	
ThOD  2.99 g O₂/g substance  Methylene Chloride (75-09-2)  Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  2.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	Chemical oxygen demand (COD)	0.22 g O₂/g substance
Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	ThOD	2.99 g O <sub>2</sub> /g substance
Persistence and degradability  Biodegradable in the soil. Not readily biodegradable in water.  MA EPH Aromatics Mix  Bioaccumulative potential  Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1  350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1  1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2  18000 (192 h, Crassostrea sp.)  Log Pow  5.61 - 5.79	Methylene Chloride (75-09-2)	
I2.3. Bioaccumulative potential  MA EPH Aromatics Mix  Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61 - 5.79	· · · · · · · · · · · · · · · · · · ·	Biodegradable in the soil. Not readily biodegradable in water.
Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61 - 5.79	ů ,	, , , , , , , , , , , , , , , , , , , ,
Bioaccumulative potential Not established.  benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61 - 5.79	MA EPH Aromatics Mix	
benzo[a]anthracene (56-55-3)  BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61 - 5.79		Not established.
BCF fish 1 350 (72 h, Leuciscus idus)  BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex)  BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.)  Log Pow 5.61 - 5.79	·	
BCF other aquatic organisms 1 1106 (24 h, Daphnia pulex) BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.) Log Pow 5.61 - 5.79		350 (72 h. Leuciscus idus)
BCF other aquatic organisms 2 18000 (192 h, Crassostrea sp.) Log Pow 5.61 - 5.79		
Log Pow 5.61 - 5.79		
·		

01/13/2020 EN (English US) 7/14

### Safety Data Sheet

benzo[a]pyrene (50-32-8)

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Delizo[a]pyrelie (50-52-6)	
BCF fish 1	480 (72 h, Leuciscus idus)
BCF fish 2	70.7 (168 h, Salmo salar, Eggs)
BCF other aquatic organisms 1	3000 (192 h, Crassostrea sp.)
BCF other aquatic organisms 2	1.5 (24 h, Daphnia magna)
Log Pow	5.97 - 6.06
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
Benzo(b)fluoranthene (205-99-2)	
BCF other aquatic organisms 1	2800 (168 h, Lamellibranchiata)
Log Pow	6.57
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
benzo[k]fluoranthene (207-08-9)	
BCF fish 1	8750 (Pisces, QSAR)
BCF other aquatic organisms 1	0.0013 mg/kg (Algae, Dry weight)
BCF other aquatic organisms 2	37000 (Mytilus edulis)
Log Pow	6.84
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
chrysene (218-01-9)	
BCF other aquatic organisms 1	4440 (180 day(s), Lamellibranchiata, Literature study, Chronic)
Log Pow	5.81 - 5.86 (Experimental value)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
dibenz(a,h)anthracene (53-70-3)	
Log Pow	5.97 - 6.84
-	3.97 - 0.04
indeno(1,2,3-cd)pyrene (193-39-5)	
BCF other aquatic organisms 1	10000 (240 h, Amphipoda)
Log Pow	6.6 - 7.7
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
naphthalene (91-20-3)	
BCF fish 1	23 - 168 (BCF; 8 weeks; Cyprinus carpio)
Log Pow	3.3 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Methylene Chloride (75-09-2)	
BCF fish 1	2 - 40 (OECD 305: Bioconcentration: Flow-Through Fish Test, 6 week(s), Cyprinus carpio, Semi-static system, Fresh water, Experimental value, GLP)
Log Pow	1.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
12.4. Mobility in soil	
benzo[a]anthracene (56-55-3)	
Ecology - soil	Adsorbs into the soil.
	, records into the con.
benzo[a]pyrene (50-32-8)	Adearha into the sail
Ecology - soil	Adsorbs into the soil.
Benzo(b)fluoranthene (205-99-2)	
Ecology - soil	Adsorbs into the soil.
benzo[k]fluoranthene (207-08-9)	
Ecology - soil	Adsorbs into the soil.
chrysene (218-01-9)	
Ecology - soil	Adsorbs into the soil.
dibenz(a,h)anthracene (53-70-3)	
Ecology - soil	Adsorbs into the soil.
	/ MOOTED THE HID SOIL.
indeno(1,2,3-cd)pyrene (193-39-5)	A despite into the pail
Ecology - soil	Adsorbs into the soil.
01/13/2020	EN (English US) 8/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

naphthalene (91-20-3)	
Surface tension	0.03 N/m (100 °C)
Methylene Chloride (75-09-2)	
Surface tension	0.028 N/m (20 °C)
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.

#### 12.5. Other adverse effects

MA EPH Aromatics Mix	
benzo[a]anthracene (56-55-3)	
benzo[a]pyrene (50-32-8)	
Benzo(b)fluoranthene (205-99-2)	
benzo[k]fluoranthene (207-08-9)	
chrysene (218-01-9)	
dibenz(a,h)anthracene (53-70-3)	
indeno(1,2,3-cd)pyrene (193-39-5)	
naphthalene (91-20-3)	
Methylene Chloride (75-09-2)	

Other information : Avoid release to the environment.

#### **SECTION 13: Disposal considerations**

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

#### **SECTION 14: Transport information**

#### **Department of Transportation (DOT)**

In accordance with DOT

Transport document description : UN2810 Toxic, liquids, organic, n.o.s. (dichloromethane ; benzo[a]anthracene ; benzo[a]pyrene

; benzo[e]acephenanthrylene; benzo[k]fluoranthene; chrysene; dibenz(a,h)anthracene;

naphthalene; indeno(1,2,3-cd)pyrene), 6.1, III

UN-No.(DOT) : UN2810

Proper Shipping Name (DOT) : Toxic, liquids, organic, n.o.s.

dichloromethane; benzo[a]anthracene; benzo[a]pyrene; benzo[e]acephenanthrylene; benzo[k]fluoranthene; chrysene; dibenz(a,h)anthracene; naphthalene; indeno(1,2,3-

cd)pyrene

Class (DOT) : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132

Packing group (DOT) : III - Minor Danger

01/13/2020 EN (English US) 9/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard labels (DOT) : 6.1 - Poison



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102) : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite

(31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table

2 for UN2672).

T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the

MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 153
DOT Quantity Limitations Passenger aircraft/rail : 60 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

Emergency Response Guide (ERG) Number : 153

Other information : No supplementary information available.

### **Transportation of Dangerous Goods**

Not applicable

#### Transport by sea

Transport document description (IMDG) : UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (dichloromethane; benzo[a]anthracene;

benzo[a]pyrene; benzo[e]acephenanthrylene; benzo[k]fluoranthene; chrysene; dibenz(a,h)anthracene; naphthalene; indeno(1,2,3-cd)pyrene), 6.1, III, MARINE

POLLUTANT/ENVIRONMENTALLY HAZARDOUS

UN-No. (IMDG) : 281

Proper Shipping Name (IMDG) : TOXIC LIQUID, ORGANIC, N.O.S.

Class (IMDG) : 6.1 - Toxic substances

Packing group (IMDG) : III - substances presenting low danger

Air transport

Transport document description (IATA) : UN 2810 Toxic liquid, organic, n.o.s. (dichloromethane; benzo[a]anthracene; benzo[a]pyrene;

benzo[e]acephenanthrylene; benzo[k]fluoranthene; chrysene; dibenz(a,h)anthracene; naphthalene; indeno(1,2,3-cd)pyrene), 6.1, III, ENVIRONMENTALLY HAZARDOUS

UN-No. (IATA) : 2810

Proper Shipping Name (IATA) : Toxic liquid, organic, n.o.s.

Class (IATA) : 6.1 - Toxic Substances

Packing group (IATA) : III - Minor Danger

#### **SECTION 15: Regulatory information**

15.1. US Federal regulations

01/13/2020 EN (English US) 10/14

### Safety Data Sheet

benzo[a]anthracene (56-55-3)

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Listed on the United States TSCA (7 Subject to reporting requirements of	oxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	10 lb	
benzo[a]pyrene (50-32-8)		
Listed on the United States TSCA (7 Subject to reporting requirements of	oxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	1 lb	
Benzo(b)fluoranthene (205-99-2)		
Not listed on the United States TSC. Subject to reporting requirements of	A (Toxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	1 lb	
benzo[k]fluoranthene (207-08-9)		
Not listed on the United States TSC. Subject to reporting requirements of	A (Toxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	5000 lb	
chrysene (218-01-9)		
Listed on the United States TSCA (7 Subject to reporting requirements of	oxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	100 lb	
dibenz(a,h)anthracene (53-70-3)		
Listed on the United States TSCA (T Subject to reporting requirements of	oxic Substances Control Act) inventory United States SARA Section 313	
CERCLA RQ	1 lb	
indeno(1,2,3-cd)pyrene (193-39-5)		
Listed on the United States TSCA (1	oxic Substances Control Act) inventory	

#### naphthalene (91-20-3)

CERCLA RQ

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

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 100 lb

### Methylene Chloride (75-09-2)

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

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

EPA TSCA Regulatory Flag R - R - indicates a substance that is the subject of a TSCA section 6 risk management rule.

CERCLA RQ 1000 lb

#### 15.2. International regulations

#### CANADA

#### benzo[a]anthracene (56-55-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

#### benzo[a]pyrene (50-32-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Benzo(b)fluoranthene (205-99-2)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

100 lb

### benzo[k]fluoranthene (207-08-9)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### chrysene (218-01-9)

Listed on the Canadian DSL (Domestic Substances List)

#### dibenz(a,h)anthracene (53-70-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

01/13/2020 EN (English US) 11/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### indeno(1,2,3-cd)pyrene (193-39-5)

Listed on the Canadian NDSL (Non-Domestic Substances List)

#### naphthalene (91-20-3)

Listed on the Canadian DSL (Domestic Substances List)

#### Methylene Chloride (75-09-2)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

#### National regulations

#### benzo[a]anthracene (56-55-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### benzo[a]pyrene (50-32-8)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### Benzo(b)fluoranthene (205-99-2)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### benzo[k]fluoranthene (207-08-9)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### chrysene (218-01-9)

Listed on IARC (International Agency for Research on Cancer)

#### dibenz(a,h)anthracene (53-70-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### indeno(1,2,3-cd)pyrene (193-39-5)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### naphthalene (91-20-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

Listed on EPA Hazardous Air Pollutant (HAPS)

#### Methylene Chloride (75-09-2)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

Listed on EPA Hazardous Air Pollutant (HAPS)

#### 15.3. US State regulations

benzo[a]anthracene (56-55-3)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	0.033 μg/day	
benzo[a]pyrene (50-32-8)					
U.S	U.S California -	U.S California -	U.S California -	N	
California - Proposition 65 - Carcinogens List	Proposition 65 - Developmental Toxicity	Proposition 65 - Reproductive Toxicity - Female	Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)

01/13/2020 EN (English US) 12/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Benzo(b)fluorar	nthene (205-99-2)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	0.096 µg/day	
benzo[k]fluoran	thene (207-08-9)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		
chrysene (218-0	11-9)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	0.35 μg/day	
dibenz(a,h)anth	racene (53-70-3)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	0.2 μg/day	
indeno(1,2,3-cd)	)pyrene (193-39-5)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		
naphthalene (91	-20-3)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	5.8 μg/day	
Methylene Chlo	ride (75-09-2)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	50 μg/day	

#### **SECTION 16: Other information**

Revision date : 01/13/2020

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

01/13/2020 EN (English US) 13/14

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### Full text of H-phrases:

H317	May cause an allergic skin reaction
H340	May cause genetic defects
H350	May cause cancer

#### Phenova US SDS REV

Copyright 2015 Phenova, Inc. License granted to make paper copies for internal use. The information contained in this Safety Data Sheet is based on our current knowledge. The information contained in this document should be used only as a guide for appropriate safety precautions and should not be considered to be all inclusive. Users should make their own investigation to determine the suitability of the information for their particular purposes. The document does not represent any guarantee of the properties of the product. Phenova, Inc. shall not be held liable for any damage resulting from the handling or use of this product. Visit the Terms and Conditions of Sale link at www.phenova.com for additional terms and conditions of sale.

01/13/2020 EN (English US) 14/14