

Safety Data Sheet

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : PAH Additions Mix
Product code : AL0-130563

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

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

1.3. Details of the supplier of the safety data sheet

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: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 2 H225 Muta. 1B H340 Carc. 1B H350

Full text of H statements: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)





GHS02 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapour

H340 - May cause genetic defects

H350 - May cause cancer

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use.

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

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 - Keep container tightly closed.

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

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse

skin with water/shower

P308+P313 - If exposed or concerned: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish.

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

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

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

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
toluene	(CAS-No.) 108-88-3	99.1	Flam. Liq. 2, H225 Muta. 1B, H340
benzo[j]fluoranthene (Component)	(CAS-No.) 205-82-3	0.1	Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Dibenzo(a,h)pyrene (Component)	(CAS-No.) 189-64-0	0.1	Muta. 2, H341 Carc. 1B, H350
naphtho(1,2,3,4-def)chrysene (Component)	(CAS-No.) 192-65-4	0.1	Muta. 2, H341 Carc. 1B, H350
dibenzo(a,i)pyrene (Component)	(CAS-No.) 189-55-9	0.1	Muta. 2, H341 Carc. 1B, H350
5-methylchrysene (Component)	(CAS-No.) 3697-24-3	0.1	Carc. 1B, H350
dibenzo(def,p)chrysene (Component)	(CAS-No.) 191-30-0	0.1	Muta. 2, H341 Carc. 1B, H350

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 victim 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.

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, both acute and delayed

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

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.

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.

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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.

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.

Direct sunlight.

Incompatible materials

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PAH Additions Mix		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	Remark (ACGIH)	Visual impair; female repro;
USA OSHA	Remark (OSHA)	(2) See Table Z-2.

toluene (108-88-3)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm (Toluene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
USA ACGIH	Remark (ACGIH)	Visual impair; female repro;
USA OSHA	Remark (OSHA)	(2) See Table Z-2.

8.2. Exposure controls

Appropriate engineering controls

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

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Color : Colorless.

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Odor : characteristic. Odor threshold : No data available рΗ : No data available Relative evaporation rate (butyl acetate=1) : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature No data available Flammability (solid, gas) No data available Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available No data available Solubility Log Pow No data available Log Kow : No data available Viscosity, kinematic No data available : No data available Viscosity, dynamic : No data available Explosive properties No data available Oxidizing properties : No data available **Explosion limits**

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

toluene (108-88-3)	
LD50 oral rat	> 2000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 5580 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	12223 mg/kg (Rabbit; Literature study; Other; >5000 mg/kg bodyweight; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 20 mg/l/4h (Rat; Literature study)
ATE CLP (dermal)	12223 mg/kg body weight

Skin corrosion/irritation : Not classified

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Serious eye damage/irritation : Not classified Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : May cause genetic defects.

Based on available data, the classification criteria are not met

Carcinogenicity : May cause cancer.

benzo[j]fluoranthene (205-82-3)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
naphtho(1,2,3,4-def)chrysene (192-65-4)		
IARC group	3 - Not classifiable	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
Dibenzo(a,h)pyrene (189-64-0)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
dibenzo(a,i)pyrene (189-55-9)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
dibenzo(def,p)chrysene (191-30-0)		
IARC group	2A - Probably carcinogenic to humans	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
5-methylchrysene (3697-24-3)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen	
toluene (108-88-3)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
	Based on available data, the classification criteria are not met	
Specific target organ toxicity – single exposure	: Not classified	
Specific target organ toxicity – repeated	: Not classified	
exposure	Based on available data, the classification criteria are not met	

SECTION 12: Ecological information

Potential Adverse human health effects and

12.1. Toxicity

Aspiration hazard

symptoms

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

: Not classified

12.2. Persistence and degradability

PAH Additions Mix	
Persistence and degradability May cause long-term adverse effects in the environment.	
benzo[j]fluoranthene (205-82-3)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Non degradable in the soil. Adsorbs into the soil. Photodegradation in the air.
ThOD	2.92 g O ₂ /g substance
naphtho(1,2,3,4-def)chrysene (192-65-4)	
Persistence and degradability	Biodegradability in soil: no data available. Biodegradability in water: no data available.
Dibenzo(a,h)pyrene (189-64-0)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradability in soil: no data available. Adsorbs into the soil. Photolysis in the air.

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met.

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dibenzo(a,i)pyrene (189-55-9)	
Persistence and degradability	Biodegradability in soil: no data available. Not readily biodegradable in water.
dibenzo(def,p)chrysene (191-30-0)	
Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.
5-methylchrysene (3697-24-3)	
Persistence and degradability	Not readily biodegradable in water.
toluene (108-88-3)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	2.15 g O ₂ /g substance
Chemical oxygen demand (COD)	2.52 g O ₂ /g substance
ThOD	3.13 g O ₂ /g substance
BOD (% of ThOD)	0.69
2.3. Bioaccumulative potential	
PAH Additions Mix	
Bioaccumulative potential	Not established.
benzo[j]fluoranthene (205-82-3)	
Log Pow	6 (QSAR)
Bioaccumulative potential	Bioaccumable.
naphtho(1,2,3,4-def)chrysene (192-65-4)	
Log Pow	7.28 (Estimated value)
Bioaccumulative potential	Bioaccumable.
Dibenzo(a,h)pyrene (189-64-0)	
Log Pow	7.3 (Estimated value)
Bioaccumulative potential	Bioaccumable.
dibenzo(a,i)pyrene (189-55-9)	
Log Pow	7.3
Bioaccumulative potential	Bioaccumable.
dibenzo(def,p)chrysene (191-30-0)	
Log Pow	7.71 (Experimental value)
5-methylchrysene (3697-24-3)	
Log Pow	6.07 (Estimated value)
Bioaccumulative potential	Bioaccumable.
toluene (108-88-3)	
BCF fish 2	90 (BCF; 72 h; Leuciscus idus; Static system; Fresh water)
Log Pow	2.73 (Experimental value; Other; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
2.4. Mobility in soil	
naphtho(1,2,3,4-def)chrysene (192-65-4)	Adsorbs into the soil.
Ecology - soil	AUSOLDS IIILO LITE SOII.
dibenzo(a,i)pyrene (189-55-9)	Adapha into the sail
Ecology - soil	Adsorbs into the soil.
dibenzo(def,p)chrysene (191-30-0)	
Ecology - soil	Adsorbs into the soil.
toluene (108-88-3)	
Surface tension	0.03 N/m (20 °C)
Curidoc teriolori	

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SECTION 13: Disposal considerations

13.1. Waste treatment 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

In accordance with DOT

Transport document description : UN1993 Flammable liquids, n.o.s. (toluene; benzo[j]fluoranthene; dibenzo(b,def)chrysene;

naphtho(1,2,3,4-def)chrysene; dibenzo(a,i)pyrene; 5-methylchrysene;

dibenzo(def,p)chrysene), 3, II

UN-No.(DOT) : 1993 DOT NA no. : UN1993

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

 $toluene\ ;\ benzo[j] fluoranthene\ ;\ dibenzo(b,def) chrysene\ ;\ naphtho(1,2,3,4-def) chrysene\ ;$

dibenzo(a,i)pyrene; 5-methylchrysene; dibenzo(def,p)chrysene; 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Class (DOT) : 3 - Class 3 - Flammable and co

Hazard labels (DOT) : 3 - Flammable liquid



DOT Symbols : G - Identifies PSN requiring a technical name

Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite

(31HZ1). 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.

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 calcius of the liquid during filling.

during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when

the flash point of the hazardous material transported is greater than 0 C (32 F).

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) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail : 5 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25

passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

Additional information

Emergency Response Guide (ERG) Number : 128

Other information : No supplementary information available.

ADR

Transport document description : UN 1993 FLAMMABLE LIQUID, N.O.S. (toluene; benzo[j]fluoranthene;

dibenzo(b,def)chrysene; benzo[e]pyrene; naphtho(1,2,3,4-def)chrysene; dibenzo(a,i)pyrene;

5-methylchrysene; dibenzo(def,p)chrysene), 3, II, (D/E)

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Packing group (ADR) : II

Class (ADR) : 3 - Flammable liquid

Hazard identification number (Kemler No.) : 33 Classification code (ADR) : F1

Hazard labels (ADR) : 3 - Flammable liquids



Orange plates

33 1993

Tunnel restriction code (ADR) : D/E LQ : 1I Excepted quantities (ADR) : E2

Transport by sea

UN-No. (IMDG) : 1993

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

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : II - substances presenting medium danger

Air transport

UN-No. (IATA) : 1993

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

Class (IATA) : 3 - Flammable Liquids

Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

benzo[j]fluoranthene (205-82-3)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

naphtho(1,2,3,4-def)chrysene (192-65-4)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

dibenzo(b,def)chrysene (189-64-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

dibenzo(a,i)pyrene (189-55-9)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 10 lb

dibenzo(def,p)chrysene (191-30-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

5-methylchrysene (3697-24-3)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

toluene (108-88-3)

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

CERCLA RQ 1000 lb

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toluene (108-88-3)	
SARA Section 313 - Emission Reporting	1 %

15.2. International regulations

CANADA

naphtho(1,2,3,4-def)chrysene (192-65-4)	
dibenzo(b,def)chrysene (189-64-0)	
dibenzo(a,i)pyrene (189-55-9)	
dibenzo(def,p)chrysene (191-30-0)	
5-methylchrysene (3697-24-3)	
toluene (108-88-3)	
Listed on the Canadian DSL (Domestic Substances List)	

EU-Regulations

LO-Kegulations
naphtho(1,2,3,4-def)chrysene (192-65-4)
dibenzo(b,def)chrysene (189-64-0)
dibenzo(a,i)pyrene (189-55-9)
dibenzo(def,p)chrysene (191-30-0)
5-methylchrysene (3697-24-3)
toluene (108-88-3)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Carc. 1B	H350
Repr. 2	H361
STOT SE 3	H336
STOT RE 2	H373
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Full text of H statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.2; R45 Repr.Cat.3; R63 F; R11 Xn; R48/20 Xi; R38 N; R50/53 R67

Full text of R-phrases: see section 16

15.2.2. National regulations

benzo[j]fluoranthene (205-82-3)
Listed on IARC (International Agency for Research on Cancer)
Listed as carcinogen on NTP (National Toxicology Program)
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

naphtho(1,2,3,4-def)chrysene (192-65-4)

Listed as carcinogen on NTP (National Toxicology Program)

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

dibenzo(b,def)chrysene (189-64-0)

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

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

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dibenzo(a,i)pyrene (189-55-9)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

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

dibenzo(def,p)chrysene (191-30-0)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program) Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

5-methylchrysene (3697-24-3)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

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

toluene (108-88-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

15.3. US State regulations

PAH Additions Mix()		
U.S California - Proposition 65 - Carcinogens List	No	
U.S California - Proposition 65 - Developmental Toxicity	No	
U.S California - Proposition 65 - Reproductive Toxicity - Female	No	
U.S California - Proposition 65 - Reproductive Toxicity - Male	No	

benzo[j]fluoranthene (205-82-3)					
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)	
Yes	No	No	No		

naphtho(1,2,3,4-def)chrysene (192-65-4)					
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)	
Yes	No	No	No		

dibenzo(b,def)chrysene (189-64-0)					
U.S California - Proposition 65 -	No significant risk level (NSRL)				
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	,	
Yes	No	No	No		

dibenzo(a,i)pyrene (189-55-9)					
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)	
Yes	No	No	No		

dibenzo(def,p)chrysene (191-30-0)				
U.S California - Proposition 65 -	No significant risk level (NSRL)			
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	,
Yes	No	No	No	

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5-methylchrysene (3697-24-3)				
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)
Yes	No	No	No	
toluene (108-88-3)				
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)
No	Yes	No	No	

SECTION 16: Other information

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.

Hazard Rating

PHV SDS US

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