Material Safety Data Sheet

Version 5.1 Revision Date 01/20/2012 Print Date 06/06/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Aromatic Hydrocarbon Standard

Product Number UST122 Brand Fluka

Supplier Sigma-Aldrich

> 3050 Spruce Street SAINT LOUIS MO 63103

USA

+1 800-325-5832 Telephone Fax +1 800-325-5052 Emergency Phone # (For (314) 776-6555

both supplier and manufacturer)

Preparation Information Sigma-Aldrich Corporation

Product Safety - Americas Region

1-800-521-8956

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

Carcinogen, Target Organ Effect, Harmful by ingestion., Irritant

Target Organs

Liver, pancreas, Blood, Central nervous system, Heart, Kidney

GHS Classification

Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2B) Carcinogenicity (Category 1B) Acute aquatic toxicity (Category 1) Chronic aquatic toxicity (Category 1)

GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement(s)

H302 Harmful if swallowed.

Causes skin and eye irritation. H315 + H320

May cause cancer. H350

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201 Obtain special instructions before use. P273 Avoid release to the environment.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

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

Dispose of contents/ container to an approved waste disposal plant. P501

HMIS Classification

Health hazard: 2
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 1

NFPA Rating

Health hazard: 2 Fire: 0 Reactivity Hazard: 0

Potential Health Effects

InhalationMay be harmful if inhaled. Causes respiratory tract irritation.SkinHarmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation. **Ingestion** Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | | Classification | Concentration |
|-----------------------|--------------|--|---------------|
| Methylene chloride | | | |
| CAS-No. | 75-09-2 | Carc. 2; H351 | 60 - 100 % |
| EC-No. | 200-838-9 | , | |
| Index-No. | 602-004-00-3 | | |
| Indeno[1,2,3-cd]pyrer | ne | | |
| CAS-No. | 193-39-5 | Carc. 2; H351 | 0.1 - 1 % |
| EC-No. | 205-893-2 | | |
| Benz[a]anthracene | | I | I . |
| CAS-No. | 56-55-3 | Carc. 1B; Aquatic Acute 1; | 0.1 - 1 % |
| EC-No. | 200-280-6 | Aquatic Chronic 1; H350, | |
| Index-No. | 601-033-00-9 | H410 | |
| Benzo[ghi]perylene | | I | 1 |
| CAS-No. | 191-24-2 | Aquatic Acute 1; Aquatic | 0.1 - 1 % |
| EC-No. | 205-883-8 | Chronic 1; H410 | |
| Naphthalene | | | |
| CAS-No. | 91-20-3 | Carc. 2; Acute Tox. 4; Aquatic | 0.1 - 1 % |
| EC-No. | 202-049-5 | Acute 1; Aquatic Chronic 1; | |
| Index-No. | 601-052-00-2 | H302, H351, H410 | |
| Anthracene | | | I . |
| CAS-No. | 120-12-7 | Skin Irrit. 2; Eye Irrit. 2; STOT | 0.1 - 1 % |
| EC-No. | 204-371-1 | SE 3; Aquatic Acute 1; Aquatic Chronic 1; H315, H319, H335, H410 | |
| Dibenz[a,h]anthracen | | | |
| CAS-No. | 53-70-3 | Carc. 1B; Aquatic Acute 1; | 0.1 - 1 % |
| EC-No. | 200-181-8 | Aquatic Chronic 1; H350, | |
| Index-No. | 601-041-00-2 | H410 | |
| Fluoranthene | | | |
| CAS-No. | 206-44-0 | Acute Tox. 4; Aquatic Acute 1; | 0.1 - 1 % |
| EC-No. | 205-912-4 | H302, H400 | |
| | | | <u> </u> |

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| Benzo[k]fluoranthen | e | | |
|---------------------|--------------|-----------------------------|-----------|
| CAS-No. | 207-08-9 | Carc. 1B; Aquatic Acute 1; | 0.1 - 1 % |
| EC-No. | 205-916-6 | Aquatic Chronic 1; H350, | |
| Index-No. | 601-036-00-5 | H410 | |
| Chrysene | | | - 1 |
| CAS-No. | 218-01-9 | Carc. 1B; Muta. 2; Aquatic | 0.1 - 1 % |
| EC-No. | 205-923-4 | Acute 1; Aquatic Chronic 1; | |
| Index-No. | 601-048-00-0 | H341, H350, H410 | |
| Benz[e]acephenanth | rylene | | |
| CAS-No. | 205-99-2 | Carc. 1B; Aquatic Acute 1; | 0.1 - 1 % |
| EC-No. | 205-911-9 | Aquatic Chronic 1; H350, | |
| Index-No. | 601-034-00-4 | H410 | |
| Pyrene | | | |
| CAS-No. | 129-00-0 | Aquatic Acute 1; Aquatic | 0.1 - 1 % |
| EC-No. | 204-927-3 | Chronic 1; H410 | |
| | | | |

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Conditions of flammability

Not flammable or combustible.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas Hazardous decomposition products formed under fire conditions. - no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value | Control parameters | Basis | | |
|-----------------------|---|--|--------------------|--|--|--|
| Remarks | Potential Occupational Carcinogen See Appendix A | | | | | |
| Methylene chloride | 75-09-2 | TWA | 50 ppm | USA. ACGIH Threshold Limit Values (TLV) | | |
| | Biological E | Central Nervous System impairment Carboxyhemoglobinemia Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed animal carcinogen with unknown relevance to humans | | | | |
| | Substance | see OSHA document 1910.1052 | | | | |
| | See 1910.1052 | | | | | |
| | | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |
| | | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |
| Remarks | Cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section), see BEI® for Polycyclic Aromatic Hydrocarbons (PAHs) Exposure by all routes should be carefully controlled to levels as low as possible. Confirmed animal carcinogen with unknown relevance to humans | | | | | |
| Chrysene | 218-01-9 | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |
| | | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | |
| Anthracene | 120-12-7 | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |
| | | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | | |

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| Naphthalene | 91-20-3 | TWA | 10 ppm | USA. ACGIH Threshold Limit Values (TLV) | |
|--------------|------------------------------------|---|---|--|--|
| Remarks | | Eye & Upper Respiratory Tract irritation Hematologic effects Eye damage Not classifiable as a human carcinogen Danger of cutaneous absorption | | | |
| | | STEL | 15 ppm | USA. ACGIH Threshold Limit Values (TLV) | |
| | | | ory Tract irritation nger of cutaneous | Hematologic effects Eye damage Not classifiable as a sabsorption | |
| | | TWA | 10 ppm 50 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | |
| | | STEL | 15 ppm 75 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | |
| | | TWA | 10 ppm 50 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | |
| | The value in mg/m3 is approximate. | | | | |
| | | TWA | 10 ppm 50 mg/m3 | USA. NIOSH Recommended Exposure Limits | |
| | | ST | 15 ppm 75 mg/m3 | USA. NIOSH Recommended Exposure Limits | |
| Phenanthrene | 85-01-8 | TWA | 0.2 mg/m3 | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants | |
| | | TWA | 0.2 mg/m3 | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 | |

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid

Colour no data available

Safety data

pH no data available
Melting no data available

point/freezing point

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Boiling point no data available Flash point no data available Ignition temperature no data available Autoignition no data available

temperature

Lower explosion limit no data available Upper explosion limit no data available Vapour pressure no data available Density no data available Water solubility no data available Partition coefficient: no data available

n-octanol/water

Relative vapour

density

no data available

no data available Odour Odour Threshold no data available Evaporation rate no data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

Hazardous decomposition products formed under fire conditions. - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

no data available

Inhalation LC50

no data available

Dermal LD50

no data available

Other information on acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

Eyes: no data available

Respiratory or skin sensitization

no data available

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Germ cell mutagenicity no data available

NTP:

| Carcinogeni | city |
|-------------|--|
| IARC: | 2A - Group 2A: Probably carcinogenic to humans (Dibenz[a,h]anthracene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Methylene chloride) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Benz[e]acephenanthrylene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Chrysene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Benzo[k]fluoranthene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Benzo[k]fluoranthene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Anthracene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Anthracene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Naphthalene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Naphthalene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Benzo[ghi]perylene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Benzo[ghi]perylene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Benz[a]anthracene) |
| IARC: | 2B - Group 2B: Possibly carcinogenic to humans (Indeno[1,2,3-cd]pyrene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Pyrene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Fluoranthene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Anthracene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Anthracene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Benzo[ghi]perylene) |
| | 2B - Group 2B: Possibly carcinogenic to humans (Benzo[ghi]perylene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Acenaphthene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Phenanthrene) |
| IARC: | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Fluorene) |
| NTP: | Known to be human carcinogen (Pyrene) |
| NTP: | Known to be human carcinogen (Chrysene) |
| | Reasonably anticipated to be a human carcinogen (Chrysene) |
| NTP: | Known to be human carcinogen (Anthracene) |
| NTP: | Reasonably anticipated to be a human carcinogen (Methylene chloride) |
| NTP: | Reasonably anticipated to be human carcinogens. (Benz[e]acephenanthrylene) |
| | Reasonably anticipated to be a human carcinogen (Benz[e]acephenanthrylene) |
| NTP: | Known to be human carcinogen (Chrysene) |
| | Reasonably anticipated to be a human carcinogen (Chrysene) |
| NTP: | Reasonably anticipated to be human carcinogens. (Benzo[k]fluoranthene) |
| | Reasonably anticipated to be a human carcinogen (Benzo[k]fluoranthene) |
| NTP: | Reasonably anticipated to be human carcinogens. (Fluoranthene) |

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Reasonably anticipated to be a human carcinogen (Fluoranthene)

Reasonably anticipated to be human carcinogens. (Dibenz[a,h]anthracene)

Reasonably anticipated to be a human carcinogen (Dibenz[a,h]anthracene)

NTP: Reasonably anticipated to be a human carcinogen (Naphthalene)

NTP: Reasonably anticipated to be a human carcinogen (Benzo[ghi]perylene)
NTP: Reasonably anticipated to be human carcinogens. (Benz[a]anthracene)

Reasonably anticipated to be a human carcinogen (Benz[a]anthracene)

NTP: Reasonably anticipated to be human carcinogens. (Indeno[1,2,3-cd]pyrene)

Reasonably anticipated to be a human carcinogen (Indeno[1,2,3-cd]pyrene)

Reproductive toxicity

no data available

Teratogenicity

no data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin Harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects

no data available

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 2810 Class: 6.1 Packing group: III

Proper shipping name: Toxic, liquids, organic, n.o.s. (Methylene chloride, Benz[e]acephenanthrylene)

Reportable Quantity (RQ): 1000 lbs

Marine pollutant:

Poison Inhalation Hazard: No

IMDG

UN number: 2810 Class: 6.1 Packing group: III EMS-No: F-A, S-A

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S. (Methylene chloride, Benz[e]acephenanthrylene)

Marine pollutant: Marine pollutant

IATA

UN number: 2810 Class: 6.1 Packing group: III

Proper shipping name: Toxic liquid, organic, n.o.s. (Methylene chloride, Benz[e]acephenanthrylene)

15. REGULATORY INFORMATION

OSHA Hazards

Carcinogen, Target Organ Effect, Harmful by ingestion., Irritant

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

Pyrene CAS-No. Revision Date 129-00-0 2007-03-01

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

| | CAS-No. | Revision Date |
|--------------------------|----------|---------------|
| Benz[e]acephenanthrylene | 205-99-2 | 2007-03-01 |
| Chrysene | 218-01-9 | 2007-03-01 |
| Benzo[k]fluoranthene | 207-08-9 | 2007-03-01 |
| Fluoranthene | 206-44-0 | 2007-03-01 |
| Dibenz[a,h]anthracene | 53-70-3 | 2007-03-01 |
| Naphthalene | 91-20-3 | 2007-07-01 |
| Benz[a]anthracene | 56-55-3 | 2007-03-01 |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 2007-03-01 |

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Reportable Quantity : lowest RQ > 999999 lbs

Massachusetts Right To Know Components

| | CAS-No. | Revision Date |
|--------------------------|----------|----------------------|
| Methylene chloride | 75-09-2 | 2007-07-01 |
| Pyrene | 129-00-0 | 2007-03-01 |
| Benz[e]acephenanthrylene | 205-99-2 | 2007-03-01 |
| Chrysene | 218-01-9 | 2007-03-01 |
| Benzo[k]fluoranthene | 207-08-9 | 2007-03-01 |

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| Dibenz[a,h]anthracene | 53-70-3 | 2007-03-01 |
|---|----------|---------------|
| Benz[a]anthracene | 56-55-3 | 2007-03-01 |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 2007-03-01 |
| Pennsylvania Right To Know Components | | |
| | CAS-No. | Revision Date |
| Methylene chloride | 75-09-2 | 2007-07-01 |
| Pyrene | 129-00-0 | 2007-03-01 |
| Benz[e]acephenanthrylene | 205-99-2 | 2007-03-01 |
| Chrysene | 218-01-9 | 2007-03-01 |
| Benzo[k]fluoranthene | 207-08-9 | 2007-03-01 |
| Fluoranthene | 206-44-0 | 2007-03-01 |
| Dibenz[a,h]anthracene | 53-70-3 | 2007-03-01 |
| Anthracene | 120-12-7 | 2007-07-01 |
| Naphthalene | 91-20-3 | 2007-07-01 |
| Benzo[ghi]perylene | 191-24-2 | 2007-03-01 |
| Acenaphthene | 83-32-9 | 2007-03-01 |
| Phenanthrene | 85-01-8 | 2007-07-01 |
| Benz[a]anthracene | 56-55-3 | 2007-03-01 |
| Fluorene | 86-73-7 | 2007-03-01 |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 2007-03-01 |
| New Jersey Right To Know Components | | |
| New dersey raight to raion domponents | CAS-No. | Revision Date |
| Methylene chloride | 75-09-2 | 2007-07-01 |
| Benz[e]acephenanthrylene | 205-99-2 | 2007-03-01 |
| Chrysene | 218-01-9 | 2007-03-01 |
| Benzo[k]fluoranthene | 207-08-9 | 2007-03-01 |
| Dibenz[a,h]anthracene | 53-70-3 | 2007-03-01 |
| Naphthalene | 91-20-3 | 2007-07-01 |
| Benz[a]anthracene | 56-55-3 | 2007-03-01 |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 2007-03-01 |
| | .00 00 0 | |
| California Prop. 65 Components WARNING! This product contains a chemical known to the State of | CAS-No. | Revision Date |
| California to cause cancer. | 193-39-5 | 2007-09-28 |
| Indeno[1,2,3-cd]pyrene | 100 00 0 | 2007 00 20 |
| Benz[a]anthracene | 56-55-3 | 1990-01-01 |
| Phenanthrene | 85-01-8 | 1990-01-01 |
| Benzo[ghi]perylene | 191-24-2 | 1990-01-01 |
| Naphthalene | 91-20-3 | 1990-01-01 |
| Anthracene | 120-12-7 | 1990-01-01 |
| Dibenz[a,h]anthracene | 53-70-3 | 1990-01-01 |
| Fluoranthene | 206-44-0 | 1990-01-01 |
| Benzo[k]fluoranthene | 207-08-9 | 2007-09-28 |
| Chrysene | 218-01-9 | 2007-09-28 |
| Benz[e]acephenanthrylene | 205-99-2 | 2007-09-28 |
| Pyrene | 129-00-0 | 1990-01-01 |
| Methylene chloride | 75-09-2 | 2007-09-28 |
| | .0 00 2 | 200. 00 20 |
| | | |

16. OTHER INFORMATION

Text of H-code(s) and R-phrase(s) mentioned in Section 3

Acute Tox. Acute toxicity
Aquatic Acute Acute aquatic toxicity
Acute aquatic toxicity

Aquatic Active Active aquatic toxicity
Aquatic Chronic Chronic aquatic toxicity
Carc. Carcinogenicity

Carc. Carcinogenicity
Eye Irrit. Eye irritation
H302 Harmful if swallowed.

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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H341 Suspected of causing genetic defects.

H350 May cause cancer.

H351 Suspected of causing cancer. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Muta. Germ cell mutagenicity

Skin Irrit. Skin irritation

STOT SE Specific target organ toxicity - single exposure

Further information

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