



## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

**Product identifier:**

**Identification as on the label/Trade name:** Envirodip.

**Synonyms/Other names:** MPFC-D-8D.

**Relevant identification uses of the substance and uses advised against:**

**Identified uses:** Coatings, road building materials, cleaners.

**Uses advised against:** No other uses are advised.

**Details of the Supplier of the Safety Data Sheet:**

PCT Inc  
1001 Mt Lebanon Rd  
Cedar Hill, Texas 75104  
+1-(972)-291-7474

**Emergency telephone numbers:**

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 (USA)

## Section 2: Hazards Identification

**Classification of the substances or mixture:**

**The mixture is classified according to:** Regulation EC 1272/2008 [EU-GHS/CLP]

**Hazard classes/Hazard categories:**

Not classified as hazardous.

**Label elements:**

**Hazard pictograms:** Not required.

**Signal Words:** Not required.

**Hazard Statements:** Not required.

**Precautionary Statements:**

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

**Special labelling of certain mixtures:** None known.

**Other hazards:** None known.



### Section 3: Composition/Information on Ingredients

**Substance/Mixture:** Mixture.

**Ingredients:**

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification
	EC-No.		EC1272/2008
Asphalt	8052-42-4	50-62%	Not classified
	232-490-9		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4: First-Aid Measures

**Description of first aid measures:**

**In case of inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.

**In case of skin contact:** Wash off with soap and plenty of water for at least 15 minutes. In case of discomfort seek medical attention.

**In case of eye contact:** Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. In case of discomfort seek medical attention.

**In case of ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In case of discomfort seek medical attention.

**Most important symptoms and effects, both acute and delayed:**

**Eye contact:** May produce cause blindness and burns if it gets in the eyes at elevated temperature. Direct contact with hot material can cause thermal burns. Fumes, vapors or mists may be irritating.

**Skin contact:** May produce irritation and burns. Symptoms may include redness, an itching or burning sensation, and/or swelling of the skin. Direct contact with hot material can cause severe thermal burns. There may be an increased sensitivity to the sun (photosensitization) when the skin is exposed to petroleum asphalt emissions (fumes, vapors or mists).

**Skin absorption:** Not expected to be a significant exposure route following short-term exposure. Repeated or prolonged exposure may result in absorption of component petroleum distillates.

**Inhalation:** Emissions from the heated material may have an unpleasant odor and may cause moderate to severe irritation of the mucous membranes and upper respiratory tract, headaches, nausea and dizziness.

**Ingestion:** Chewing and swallowing asphalt may cause gastrointestinal effects.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### Section 5: Fire-Fighting Measures

**Extinguisher media:**

**Suitable extinguisher media:** Use dry chemical or foam. Use water spray to keep fire-exposed containers cool.

**Unsuitable extinguishing media:** None known.



**Special hazards arising from the mixture:** Fumes/vapors can explode when concentrated in an enclosed environment and supplied with an ignition source.

**Advice for fire-fighters:** Avoid breathing irritating and potentially toxic fumes, including hydrogen sulfide gas. Evacuate area and contact emergency services. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

## Section 6: Accidental Release Measures

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

**For emergency responders:** Ventilate area and avoid emission inhalation or skin contact by using appropriate precautions outlined in Section 8. Keep away from all sources of ignition. Prevent materials from entering streams, drainages, or sewers. Spills entering surface waters or sewers entering/leading to surface waters must be reported.

**Environmental precautions:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

### Methods for containment and cleaning up:

Stop leak and contain spilled material with sand, aggregate fines, or other inert adsorbent. Collect adsorbed product and clean up materials in appropriate container for proper disposal. Dispose of in accordance with state and federal environmental regulations.

### **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

## Section 7: Handling and Storage

### Precautions for safe handling:

**Protective measures:** Observe directions on label and instructions for use. Do not store near food, beverages or smoking materials. Avoid personal contact with heated material. Do not attempt to clean empty containers since residue is difficult to remove. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition as they may explode.

**Advice on general occupational hygiene:** Do not eat, drink or smoke when handling this product.

### Conditions for safe storage, including incompatibilities:

Store in a cool, dry place away from all ignition sources and open flames.

**Specific end uses:** Use only as directed.

## Section 8: Exposure Controls and Personal Protection

### Control parameters:

#### **Occupational exposure limits:**

Component	OSHA/MSHA PEL	ACGIH TLV	NIOSH REL
Asphaltine Fumes	NE	0.5 mg/m <sup>3</sup>	REL-Ceiling 5 ppm



**Exposure controls:**

**Appropriate engineering controls:** General dilution or local exhaust ventilation as required to maintain exposures below appropriate exposure limits. Use only in well-ventilated areas. Activities with dried/hardened product that generate dust require the use of general ventilation, local exhaust and/or wet suppression methods to maintain exposures below appropriate exposure limits.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Use a full-face shield and chemical safety goggles if handling heated material. Safety glasses with side shields should be worn as minimum protection at ambient temperatures.

**Hand protection:** Use chemical resistant gloves. Examples of preferred glove barrier materials include: Butyl rubber, neoprene, nitrile/butadiene rubber, polyethylene, ethyl vinyl alcohol laminate, polyvinyl alcohol, polyvinyl chloride.

**Body protection:** Wear protective clothing as appropriate.

**Respiratory protection:** Not expected to be necessary under normal use and working conditions. If discomfort is experienced, use an approved air-purifying respirator. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

## Section 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

**Appearance (form):** Liquid.

**Color:** Black.

**Odor:** Petroleum.

**Odor threshold:** No data available.

**pH (concentration):** >6

**Melting point/range (°C):** 73 - 85 °C

**Boiling point/range (°C):** 100 °C

**Flash point (°C):** No data available.

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No data available.

**Ignition temperature (°C):** No data available.

**Upper/lower flammability/explosive limits:** No data available.

**Vapor pressure (20 °C):** No data available.

**Vapor density:** 1

**Relative density (25 °C):** 1.0 – 1.1

**Water solubility (g/L) at 20 °C:** Insoluble.

**n-Octanol/Water partition coefficient:** No data available.

**Auto-ignition temperature:** 343 °C

**Decomposition temperature:** No data available.

**Viscosity, dynamic (mPa s):** No data available.

## Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** Stable under recommended conditions of storage.

**Possibility of hazardous reactions:** Hazardous polymerization is not expected to occur.

**Conditions to avoid:** Keep away from direct flame/ignition sources.



**Incompatible materials:** Strong oxidizers may react with hydrocarbons. Contact with fluorine may cause burning or explosion.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon monoxide and other compounds (such as amines, ammonia, nitrogen dioxide, sulfur dioxide, ozone, hydrogen sulfide, and various hydrocarbons) may be released by thermal decomposition.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Acute toxicity:** Oral LD50 (rats) >5g/kg.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available.

**Carcinogenicity:** Not data available.

**Reproductive toxicity:** No data available.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration hazard:** No data available.

## Section 12: Ecological Information

**Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT& vPvB assessment:** No data available.

**Other adverse effects:** No data available.

## Section 13: Disposal Considerations

**Waste treatment methods:** Dispose of in accordance with state and federal environmental regulations.

**Product/packaging disposal:** Recycle where possible.

## Section 14: Transport Information

**UN number:** Not regulated as a dangerous good.

**UN proper shipping name:** Not regulated as a dangerous good.

**Transport hazard class(es):** Not regulated as a dangerous good.

**Packing group:** Not regulated as a dangerous good.

**Environmental hazards:** Not regulated as a dangerous good.

**Special precautions for user:** Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.

**Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable.



## Section 15: Regulatory Information

### Safety, health and environmental regulations/legislation for the mixture:

**Relevant information regarding restrictions:** None known.

**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP]

**Other National regulations:**

**Toxic Substances Control Act (TSCA):** The components in this product are not listed on the TSCA Inventory.

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):** Releases of this material to water may be reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act.

**SARA Section 302 extremely hazardous substances:** None.

**SARA Section 311/312 hazard categories:** Immediate Health, Delayed Health.

**SARA Section 313 reportable ingredients at or above the minimum concentrations:** None.

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**Chemical Safety Assessment carried out:** No.

## Section 16: Other Information

**Indication of changes:** GHS aligned.

**Relevant classification and H statements (number and full text):** None.

**Training instructions:** Use as instructed.

**Further information:** This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:** This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.