

VESTAL ASPHALT, INC.

Material Safety Data Sheet

Date Last

Revised 3/28/08

I. General Information

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| Chemical Name & Synonyms Petroleum Hydrocarbons | Trade Name & Synonyms Asphalt Emulsion CQS-1ps |
| Chemical Family Petroleum Hydrocarbons | Formula Asphalt, Water, Surfactant |
| Proper DOT Shipping Name Asphalt Emulsion | DOT Hazard Classification N/A |
| Manufacturer VESTAL ASPHALT, INC. | Manufacturer's Phone Number (607)785-3393 |
| Manufacturer's Address 201 Stage Road Vestal, NY 13850 | Chemtrec Phone Number 1-800-424-9300 |

II. Ingredients

| Principal Hazardous Component | Percent | Threshold Limit (units) |
|-------------------------------|--------------|-------------------------|
| Petroleum Asphalt | 65.3% | N/A |
| Water | 29.0% | N/A |
| Surfactant | 2.2% | N/A |
| Light Distillate | 3.5% | N/A |
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III. Physical Data

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| Boiling Point (°F) 212 deg. F | Specific Gravity(H ₂ O =1) 1.023@15.6 deg. C |
| Vapor Pressure (mm Hg) 60 mm Hg @ 100 deg. F | Percent Volatile By Volume (%) 32 |
| Vapor Density (Air =1) N/A | Evaporation Rate N/A |
| Solubility in Water Readily dispersible in water | pH 3 - 7 |
| Appearance & Odor Tan to dark liquid | |

IV. Fire & Explosion Hazard Data

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|--|---|-------------------|
| Flash Point N/A | Auto Ignition Temperature N/A | |
| Flammable Limits N/A | LEL N/A | UEL N/A |
| Extinguishing Media CO2, Dry Chemical, Foam, Water, Fog | | |
| Special Fire Fighting Procedures Do not enter any enclosed space without proper protective equipment. Read entire MSDS. | | |
| Unusual Fire & Explosion Hazards Do not weld or drill container. Emptied container still contains material which might ignite with Explosive violence if heated. | | |
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V. Health Hazard Data

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| OSHA Permissible Limits No standard for asphalt fumes | ACGIH Threshold Limit Value No standard for asphalt fumes |
| Carcinogen – NTP Program No association has been established | Carcinogen – IARC Program No association has been established |
| Symptoms of Exposure N/A | |
| Medical Conditions Aggravated by Exposure N/A | |
| Primary Routes of Entry N/A | |
| Emergency First Aid N/A | |

VI. Reactivity Data

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|---|---|----------------|---|
| Stability | | Unstable | Conditions to Avoid N/A |
| | X | Stable | |
| Incompatibility | | | Materials to Avoid May react with strong oxidizing material |
| Hazardous Polymerization | | May Occur | Conditions to Avoid N/A |
| | X | Will Not Occur | |
| Hazardous Decomposition Products Normal combustion forms carbon dioxide and may produce oxides of sulfur. | | | |

VII. Environmental Protection Procedures

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| Spill Response Follow prescribed procedures for reporting and responding to large spills. Clean up small spills with sorbent materials or pumping. |
| Waste Disposal Method Place materials in disposable containers and dispose of in a manner consistent with local and applicable regulations. |

VIII. Special Protection Information

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| Eye Protection Use chemical safety glasses | Skin Protection Avoid prolonged skin contact |
| Respiratory Protection (Specific Type) Wear approved respiratory protection | Ventilation Recommended Use in well ventilated area |
| Other Protection As needed | |

IX. Special Precautions

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| Hygienic Practices in Handling & Storage N/A |
| Precautions For Repair & Maintenance of Contaminated Equipment N/A |
| Other precautions N/A |

N:Safety/MSDS/MSDS Vestal Asphalt

