



Technical Data Sheet

BIOACT^{®*} AR-405

Asphalt Release Agent

Description BIOACT AR-405 Asphalt Release Agent is a biodegradable truck bed coating designed to provide quick release for hot mix without affecting the integrity of typical asphalt concrete and polymer-modified asphalt. It also prevents asphalt and rubber from adhering to silo doors, drum rollers, tools and manhole covers.

BIOACT AR-405 is a non-hazardous alternative to diesel and other hydrocarbons now banned by most Federal and State Highway Transportation Authorities. It meets all known Department of Transportation (DOT) product specifications and testing standards and is recommended in states where DOT requires that only state-authorized truck bed release agents be used.

- Features/Benefits**
- Water-Dilutable (30:1)
 - Quick Release
 - Low-Foaming
 - Biodegradable
 - Plastic/Metal Compatible
 - Non-Hazardous

Physical Properties

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| Appearance | Clear, colorless to pale yellow liquid |
| Odor | mild |
| pH (100%) | 6.5 (± 1.0) |
| Flash Point (100%)..... | 160°F (71°C) |
| Flash Point (30:1)..... | none |
| Specific Gravity (at 25°C)..... | 1.01 |

Process Steps BIOACT AR-405 is typically applied using a 30:1 dilution of the product in water (1 gallon BIOACT AR-405 product in 30 gallons of water) and then used to coat surfaces that will come in contact with asphalt. For best results, apply product using a hand-held pump or spray wand system.

Environmental & Regulatory

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| Ozone Depletion Potential (ODP)..... | Zero |
| Global Warming Potential (GWP)..... | Zero |
| Significant New Alternatives Program (SNAP)..... | Approved |
| Hazardous Air Pollutant (HAP)..... | No |
| National Emission Standards for Hazardous Air Pollutants (NESHAPs)..... | Not Regulated |
| Superfund Amendments and Reauthorization Act (SARA)..... | Not Regulated |
| Resource Conservation and Recovery Act (RCRA)..... | Not Regulated |

* BIOACT is a registered trademark of Petroferm Inc.

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| Recommended Cleaning Equipment | BIOACT AR-405 can be applied using variety of commercially available hand-held pump and spray wand systems. |
| Safety and Toxicity | Please see Material Safety Data Sheet for detailed information. |
| Disposal | Petroferm recommends contacting your current or local environmental service company for disposal of this product. |
| Packaging | BIOACT AR-405 is available in 5-gallon pails, 55-gallon drums, and 275-gallon totes. |
| Storage | BIOACT AR-405 should be stored in the original container, preferably in a cool, ventilated, fire-resistant building. Avoid overheating or freezing. Avoid open flames and sparks |
| Shelf Life | The shelf life for this product is thirty-six (36) months when it is stored in its original, sealed container at room temperature. However, the product should be inspected after thirty-six months from the date of manufacture prior to customer use. |

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