

DUST CONTROL PROGRAM

WITH TECHNICAL & APPLICATION SUPPORT BY MIDWEST



1500 Series Portable Sprayer

MANAGE YOUR ROAD AND SURFACE DUST CONTROL WITH A LITTLE HELP FROM MIDWEST

Midwest's Dust Control Program was developed for customers who wish to perform dust control maintenance themselves with their own equipment. Midwest provides the equipment and training you need to create the level of dust control you require at your facility. Here's what's included in our Dust Control Package (some items are add-ons as noted):

- ☒ 1500 Series Portable Sprayer
- ☒ EnviroKleen®
- ☒ Equipment Training & Support

- ☐ Dust Control Engineered Services (optional)
- ☐ Emissions & Silica Rule Compliance Testing (optional)
- ☐ Site Visit (optional)
- ☐ Site Application Plan (optional)



MIDWEST'S 1500 SERIES PORTABLE SPRAYER

Midwest's 1500 Series Portable Sprayer dispenses world-class, environmentally-safe dust control products, easily and efficiently. It can be easily mounted on a utility trailer or any light-duty pickup truck from 1/2 ton, 3/4 ton, to Ton+. The 1500 Series Portable Sprayer requires only one person to operate and facilitate application with an 8-foot spray bar. Flow is easily dispensed with in-cab controls. Our staff is on-hand to help you develop application rates and with any technical issues you may have.



SYSTEM FEATURES:

- Easy-to-use, fill, and dispense
- Operates on unleaded gasoline
- Universal application - 8' spray bar
- Spray bars mount easily to a standard 2" receiver
- Lightweight, yet durable
- Self-transfer capability
- On/off from in-cab controls
- 275-gallon empty tote (included)
- Adjustable sprayer from 8-13 gallons/minute
- Add-on options available
- Some assembly required
- One-man operation
- Portable and versatile
- Completely self-contained
- Designed for use with only Midwest products
- Phone support for installation and application assistance

Midwest recommends these vehicles for mounting the 1500 Series Portable Sprayer:

- 1/2 ton pickup for carrying up to 125 gallons of product
- 3/4 ton pickup for carrying up to 200 gallons of product
- Ton+ pickup for carrying up to 275 gallons of product
- Flatbed trailer for carrying up to 275 gallons of product

4 STEPS FOR EASY-TO-APPLY, EFFICIENT, AFFORDABLE DUST CONTROL

DISCOVER

Midwest reviews the particulars at your site to let you see the value that self-applied dust control will bring to your industrial operations in the form of cost savings over inefficient dust control methods like watering.

DIAGNOSE

Midwest will review your specific dust control issues either through a site audit or by letting you explain what each specific section of the site requires in order to meet the company's dust control needs.

DESIGN

Midwest will design a program to address your issues at a reasonable cost, ensuring that you have every tool you need to successfully apply the program yourself. We will help you choose the right dust control chemical and application rate to meet your requirements.

DELIVER

Midwest will deliver on your goals and expectations, by helping you achieve the desired results for exactly the price that was agreed upon at the outset.

ENVIROKLEEN® Synthetic Organic Dust Control

The 1500 Series Portable Sprayer dispenses Midwest's EnviroKleen. Created in Midwest's own laboratory, EnviroKleen was one of the first Synthetic Organic Dust Control products on the market, which means this product is formulated to be gentle on the environment and tough on dust. EnviroKleen is formulated with a polymeric binder and is a superior choice for industrial, construction, and municipal applications. It quickly penetrates dust and remains actively effective on clay, sand, gravel, limestone, and most native soils, regardless of the weather or how severe the traffic. Provides longer -lasting performance and requires fewer applications than other dust control, regardless of season.

VITAL STATISTICS

- EPA-verified safe for people and the environment
- EPA-verified effective for reducing PM10 and PM2.5
- Certified non-corrosive by Boeing
- Creates pavement-like strength, enhanced by traffic
- Can be reworked without reapplication
- Does not evaporate or leach out of the surface
- Will not track onto public roadways or stick to vehicles
- Performs well at extreme temperatures
- Can be stored at temperatures down to -50 degrees F
- Readily biodegradable in natural elements
- Works with all types of soils and aggregates



Compare EnviroKleen to Other Dust Control Methods

Performance Benefits	EnviroKleen Synthetic Organic Fluid	Water	Road Salts ¹	Asphalt Emulsions	Petroleum Resins	Lignin
Longer lasting	●			●	●	
Year-round protection	●		●			
Passes EPA static sheen test	●	●	●			
Non-petroleum product	●	●	●			●
Colorless	● ²	●	●			
Non-water soluble/cannot be diluted	●					
No poly-nuclear aromatic hydrocarbons (PAH)	●	●				●
Will track				●	●	●
Sprayable gallons required for a 1-mile x 30' wide road	1,800	550,000	8,825	18,480	13,200	5,280
Storm drain risk	Low	Low	High	High	High	High

¹Road salts are sodium chloride, calcium chloride, potassium chloride, magnesium chloride and ferrocyanide salts.

²EnviroKleen passes the EPA static sheen test and is colorless.

Conventional dust control methods can create greater problems than the dust itself - lingering environmental and health concerns, for example. Alternatives like water provide short-term solutions that involve labor-intensive, multiple applications.

TESTED AND VERIFIED - INDEPENDENTLY

Midwest believes in proving claims, rather than just making them, so our clients can be sure they are getting what they pay for from both performance and environmental perspectives.

- US EPA ETV* test data verifies that EnviroKleen is safe for people and the environment as well as effective in suppressing PM10 and PM2.5 levels. No other synthetic fluids have achieved this designation.
- EnviroKleen complies with requirements of the Clean Water Act and National Pollution Discharge Elimination System and realize fines preservation for surface stability and dust control.
- The synthetic organic fluid in this product meets the criteria for the term synthetic as established by the US EPA for sediment toxicity, biodegradability, PAH content, aquatic toxicity, and being oil-sheen free.
- The non-corrosive properties of EnviroKleen have been certified by Boeing Document D6-17487, the most stringent corrosion standard in the United States.
- EnviroKleen holds the Bureau de normalisation de Quebec (BNQ) Certification. A rigorous and impartial third-party provider of international environmental standards, the BNQ provides a transparent and uniform process: each product is evaluated according to eight stringent parameters that evaluate its ecotoxicological impact.

The protocols Midwest uses in testing its products under US EPA guidelines are 200 times more stringent than those used by our competitors. Proof of these verifications and certifications are available any time from Midwest. Before considering other dust-control solutions, remember to ask for such proof to protect yourself from false claims.

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