

## Ask Our Technical Expert - Chris

### Indoor Horse Arena

**Q.** I have a dust problem in your indoor arena and would like to know the potential use of ArenaKleen to solve the problem permanently.

**A.** For dust control both on the horse van parking areas, horse trails, horse training rings and on your indoor arena our ArenaKleen product will be ideal

The typical application rate is 1200 gallons per acre for initial application. Typically we see about 3" of loose footing to be treated over a compacted base. Footing deeper than three inches would mean additional product. The product is sold in 250 gallon IBC plastic totes for easy shipping & handling. Promo price is \$7.45/gal. The product can be stored in a sealed container indefinitely for future use. ArenaKleen can be applied at any temperature and the area can be used immediately after application. A refresher application after 9 - 15 months is typically at a rate of about 1/3 or 1/4 the initial application. Length of time between applications depends on several factors such as soil particle size, amount of dust, depth of loose soil, type of footing material, etc. Even though the typical application rate is recommended at 1200 gallons per surface acre this amount may be adjusted up or down depending on footing type, footing depth, and footing condition/age.

Nobody wants to spend money needlessly but it is important to recognize that the problem we're referring to is more than a nuisance:

- 1) It is a major health issue for horse, rider, and spectator.
- 2) The footing is being prematurely pulverized and compacted, reducing its useful lifespan.

ArenaKleen is spray applied to the surface of the soil using a tank with pump and hose, a water truck, an agricultural sprayer, a hydro seeder, or the equivalent. Anything that will spray water will spray these products. With a little ingenuity it is possible to rig up a simple drip bar and apply the product directly from the shipping container (plastic tote) out of the back of a pickup truck. The products are non-corrosive and non-toxic.

The key consideration is that this treatment eliminates the health hazard of silicosis, it is long-term dust control, no water will ever be required and the footing will remain consistently firm throughout the lifespan of the application.

### **Application**

**Q.** How is the material applied?

**A.** Tank with drip bar mounted on truck or trailer, hydro-seeder, tank and pump, (when purchased in a 275 gallon "tote", the totes themselves could be the applicator - totes have a 2" ball valve fitting on the bottom rear to which a hose or drip bar could be attached), garden sprayer, several people with large watering cans, etc. etc. Will not harm, contaminate, or corrode equipment.

## Safety

**Q.** Is it safe to use on my farm around animals and children? Where was it tested?

**A.** An independent lab has tested it for purity and safety. It has been determined to be totally non-toxic and totally non-hazardous (a copy of the chemists report and MSDS is available). Several public and private stables have used and are currently using ArenaKleen (a list of references can be supplied). Its sister product (DustLess) has been used for dust control extensively by the military in the Southwest, Africa, and in the Middle East.

## Uses

**Q.** Can it be used with different materials with the same results... Stone dust, sand, shaved leather?

**A.** It works as a non-hazardous dust control on all dusty materials.

## Guarantee

**Q.** Is there a dust free money back guarantee?

**A.** We know that ArenaKleen works very well, we have several references plus our own extensive testing experience. We guarantee all of our products to be manufactured and blended, correctly and within the specs, but we cannot offer a no dust guarantee across- the-board, because we do not do the application, so we don't have control over things such as proper amount applied, even coverage, and things such as this.

## Dragging the Arena

**Q.** Does it make a difference if the arena is dragged daily or not?

**A.** Good grooming of an arena is done by shallow harrowing or York raking. Dragging only smoothes the surface, but does little to re-distribute the treated soil particles that may be driven under the surface by the action of the horses hooves. If the arena is dragged regularly it may mean more frequent follow-on applications until all of the soil for several inches becomes wetted with the ArenaKleen. Once all soil particles have become treated, dust control will remain very effective for a very long time.

## Footing Consistency

**Q.** Does it change the consistency of the existing footing in any way?

**A.** The footing material will maintain optimal "feel" for extended periods of time and will remain this way indefinitely once all footing has been treated with the ArenaKleen. The footing will not be soft or mushy as it is with water. The footing will not compact or crust over as it does with chlorides.

## Affects of Water

**Q.** The ArenaKleen report stresses. "Do Not Water". The previous information mentioned that it is useful for outdoor arenas as well. So, what happens when it rains?

**A.** ArenaKleen will not wash out all the treated footing. If the rain is sufficiently hard and long duration so as to become a flood situation and wash away the treated footing material itself then the arena clean of course, will wash away with it, but if it is just "normal" rain then when the ground dries out the ArenaKleen will remain in place preventing dust.

## Stalls

**Q.** One of my horses has allergy problems and I have to be careful with dust, so I appreciate the concept. What about using this product as an additive for stalls?

**A.** Non-hazardous, non-toxic, should work in stalls. It will give the stall footing the appearance and feel of being very slightly damp.

## Dirt Roads

**Q.** Is this product in use on any dirt roads?

**A.** Not around here, but the military uses a similar, DGE product (DustLess) and it works very well on dirt roads, trails, paths, etc. Trailer parking areas, horse trails, and roads around the farm could benefit from treatment with Dustless.

## Freezing

**Q.** What happens in the winter... does the moisture cause the footing to freeze creating the necessity to treat with salt?

**A.** ArenaKleen does NOT FREEZE - not even at very low temps. Salt will not be necessary. Salt is not good for the soil, is not good for the ground water, and is not good for the horses feet. If the salt dries out before totally dissipating it will be kicked up with the dust and inhaled. It is not good to breathe salt dust. ArenaKleen should eliminate all of these issues without any bad side effects.

## Effectiveness

**Q.** Why does ArenaKleen work so well and what makes it do what it does so effectively?

**A.** ArenaKleen works so well because it works differently than other dust control measures. It is specially formulated to absorb into the individual soil particles rather than surround and "float" the particle as does water. By absorbing in and not surrounding the particle, the individual particles remain in direct contact with each other keeping the soil surface firm, good coefficient of friction (traction), no stickiness thus no tracking (see ArenaKleen -- why it works)

## Health Hazards

**Q.** Does ArenaKleen really reduce health hazards significantly at my stable?

**A.** Absolutely, without question, ArenaKleen really does reduce the health hazards significantly at your stable. When a dust control method fails there is nearly always a time of poor dust control as the product begins to fail and then the time of no dust control between the failure and the time of re-treatment. In certain hot dry times of the year only hours or at best a day between failures when using water as the dust control treatment. It could be weeks when used in chlorides. So, on a seasonal or annual basis with these treatment methods there are dozens or even hundreds of times when dust control at a healthy level does not exist. When dust control is accomplished using ArenaKleen the times of poor or no adequate control (and thus unhealthy periods) are reduced exponentially, thus health issues are significantly reduced (see Reasonable Considerations for Use).

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