

SNF RDC-400SX

RDC-400SX is a robust, liquid, water based dust treatment mixture that combines wetting ability with a mixture of palliative ingredients that extends the dust suppression effect into the range of days to weeks, depending upon the soil, weather, general climate, and level of disturbing activity upon the treated areas.

RDC-400SX, like all products in the RDC-400 series, is most appropriately matched to the dust being treated through laboratory testing samples of the dust to be treated. However, its robust surfactant package creates lower foaming tendency upon dilution and spraying and engenders thorough wetting, making it effective in suppressing dust from any source. It is suitable for parking lots, haul roads, and open, dusty areas of commercial sites such as, but not limited to, mining, mineral processing, and general commercial activities that utilize unpaved parking lots or haul roads. It contains naturally derived organic palliative ingredients. It is not corrosive and has a low chloride content as it is not formulated with chloride salts.

Prior to applying RDC-400SX, roads or lots should be raked, graded, and dressed to the desired condition for the most successful and longest lasting dust suppression. Spray equipment that forms a continuous film depositing 17 - 35 gallons/1000 square feet (740 to 1525 gallons/acre) of neat product will produce the best results. Applying 25 - 40 gallons/1000 square feet (1090 to 1740 gallons/acre) is recommended where vehicle traffic is heavy and dust is egregious or persistent. Product dilutions of up to 1 part product to 30 parts water, sprayed at 75 gallons/acre, have been seen to be effective on quieter, not

traffic areas. If we assume a water truck carries 4,000 gallons of water and treats 2 acres, mix 150 gallons of neat product to 3,850 gallons of water. However, longevity of the dust suppressing effect may be significantly reduced by diluting the product or lowering application rates. Treating surfaces first with a coat of water, then immediately applying RDC-400SX, is advised to get effective and longer term dust suppression. Diluting the product at ratios up to 1 gallon of product to 30 gallons of water, prior to applying, can be done to extend coverage. However, diluting the product or reducing the dose applied may significantly reduce the longevity of the dust suppression that the product provides. Over time, in very dry climates and conditions subject to deleterious effects of heavy traffic and redusting, respraying with a light coat of water, or product diluted 20 fold, usually after a period of several weeks, will reconstitute the dust suppressing ability of the previously applied product.

This product is available in 275 gallon totes or bulk tank truck quantities.

PHYSICAL PROPERTIES

Appearance	Dark Brown Liquid
Odor	Sweet, Organic
Specific Gravity, 20/20°C	1.176
Density (lb/gal)	9.8
Viscosity (cSt)	7
Actives (%)	54
Surfactants	Low Foaming Non-ionic and Anionic
Freeze Point (°C)	-29

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