

Technical Data Sheet

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ROX-92

Introduction: Industrial facilities and municipalities have a growing awareness of nuisance odors, plant equipment corrosion, and health hazards associated with organic odors from process and waste streams. This is due to the toxicity and chemical nature of various odorous compounds such as hydrogen sulfide, mercaptans, and ammonia. The concentration of the various odor compounds is dependent upon several factors such as temperature, weather conditions, wind flow direction, microorganism count, organic loadings, and residence time in process.

There are many odor control products currently available, but in our research, we find they fall short in one of two areas - they act merely as a deodorant, masking odors without addressing the elimination of the potentially toxic gases, or they eliminate the odorous gas by introducing a hazardous compound.

Solution Details

ROX-92 is a vapor odor absorption chemistry. There are situations in every industry where odors reach the airborne state. At this point, air can carry the odor in any direction.

ROX-92 was developed with the realization that odors will transfer from liquid to air. ROX-92 is a compounded material utilizing absorption and adsorption of odorous compounds such as hydrogen sulfide, mercaptans, and ammonia. ROX-92 reacts with the anions available on nitrogen and sulfur compounds to produce a non-odorous environment. ROX-92 is available in 5 gallon pails, 15 and 55 gallon drums.

ROX

Vapor
Odor
Absorption
Chemistry

92



Application/Dosage

ROX-92 is designed to work in conjunction with the ProFlo VDS (Vapor Distribution System). The ProFlo VDS allows ROX-92 to create a vapor wall around the odorous source to maximize contact with the odor compound.

In the ProFlo, ROX-92 is transformed from liquid to vapor that is naked to the human eye. Advantages to using the ProFlo and ROX-92 include: no wet mist, no freezing issues, and the avoidance of chemical fallout, which is widespread in fogging or misting applications. For dosage rates of ROX-92, contact your Aulick consultant.



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