

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.

APPLICATION/DOSAGE

In the ProFlo VDS, ROX-92 is transformed from liquid to a vapor wall that is naked to the human eye. There are also significant advantages to using the ProFlo VDS and ROX-92 for odor control needs including - 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.

PRODUCT INFORMATION

ROX-92 is a vapor odor absorption chemistry. There are situations in every industry where odors reach the airborne state. At this point, airflow 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. The ROX reacts with the anions available on nitrogen and sulfur compounds to produce a non-odorous environment.

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

ROX
92 Vapor
Odor
Absorption
Chemistry

AVAILABILITY

ROX-92 is available in 5 gallon pails, 15 gallon drums, and 55 gallon drums.

AULICK
Inspired innovation.