

SorbaSolv™ Particulate for Organic Vapor Removal

SorbaSolv™ is a cellulose-based fiber that preferentially absorbs NON WATER SOLUABLE Organics from aqueous liquid and vapor mixtures. SorbaSolv™ has been used for several years as a filter media for the SorbaSolv™ media.

Velocities and volume should be determined experimentally as different amounts and types of organics will behave differently. In all cases, the input of air must have a minimum relative humidity of 75%, the higher the better. This can be input at the point of solvent evaporation by the use of spray or steam. Contact time for complete absorption of the organic can be determined and then controlled by air velocity and CFM for final control.

SorbaSolv™ will NOT remove water-soluble or ganics such as lower alcohols and ketones. These are best removed with an activated carbon filter. In such cases, the SorbaSolv™ should be first in line to remove the water insolubles and higher molecular weight organics and prevent premature saturation of the carbon.

Disposal of the saturated SorbaSolv™ may be incinerated. (HazMat in the case of chlorine, sulfate, or nitrogenous organics) or by steam stripping as with carbon. Stripped SorbaSolv™ after complete drying can be reused as in the case of carbon.

SorbaSolv™ is available in ten pound 2 cu.ft. bags or can be packed in a fabric sleeve, if desired. Typical pick-up is from five to 20 times the weight of the SorbaSolv™