



Specialty Environmental Chemicals and Equipment

Product Data Sheet

Product Name: BIO-SCRUB X-WG

Description: Highly biodegradable oil-based vapor scrubbing solution. Designed to absorb hydrocarbons such as benzene, toluene, xylene, aromatics, etc. in wet scrubbers or bubble-up type units. Contains no surfactants or perfumes. Contains methyl esters. High flash point. Non-toxic formula. Winterized version with 19F freezing point. Non-Foaming formula. Incompatible with rubber or like materials and gaskets.

Product Uses & Applications

Vapor Scrubber Systems

Bubble-Up Systems

Hydrocarbon Stripping

Application Instructions

Dilution Rate

Does not dilute with water

Application Methods

For use in scrubber systems only

Special Instructions

None

Scrubbing Instructions:

Add BIO-SCRUB X-WG to reservoir and DO NOT dilute with water. Make sure there are no pumps seals which are made from rubber as this product will cause them to swell and fail.

Hazardous Information

Specific Hazard

Eye and skin irritant

Flash Point (°F)

Above 220

Biodegradability

Excellent

pH

N/A for Oils

Unusual Hazards

Incompatible with rubber

Other Information

Product freezes at 19F

Packaging Information

Available Quantities

5,30, 55, and bulk quantities

Packaging Material

Poly

Other Information:

High Freeze point. Do not use this product if temperatures will be below 19F unless equipment is heat traced or insulated.

Case Study & Application Information

November 12, 2007 Chemical Facility - Lake Charles, LA

BIO-SCRUB X-WG was used in a packed column scrubber system that was removing EDC (ethylene dichloride). The customer stated that the scrubber unit with BIO-SCRUB X was removing 70% of the EDC prior to carbon. Previously they were using Carbonil and getting 60% removal of EDC but had issues with foaming.

September 14, 2009 Hitchcock, TX

During testing of BIO-SCRUB X we found that we could absorb 98% of VOC's coming from Vapor Tech's ELIMINATOR Vapor Scrubber Unit. The ELIMINATOR Scrubber System is a brand new, cutting edge liquid absorber which will enable extremely high removal of VOC's without the use of carbon (we always recommend carbon as a safety net). Using gasoline vapors as a base, we had 800 ppm at the inlet of the scrubber (VOC Meter). On the outlet of the scrubber unit we had a reading of 12 ppm. This is a removal of over 98%.

Visit us on-line at www.vapor-tech.net

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