



HASTEN

Energy Solutions

Hasten Cleanse Tank Cleaning/Degassing Guidelines

The following method illustrates an example for the use of Hasten Cleanse as a vapor suppressant and cleaning agent for hydrocarbon contaminated tanks. Hasten Cleanse can be effectively substituted for most commercially available products employing your company's cleaning methods and equipment. Current users have experienced less product usage with greater cleaning results when using Hasten Cleanse as compared to other products.

Vapor Suppression and Cleaning Guidelines

- 1) Estimate in gallons the volume of residual liquid remaining in the tank.
- 2) Multiply the number of gallons by 1.5 = Total Gallons of Solution needed.
- 3) Multiply 80% X Total Gallons of Solution = Gallons of Water required.
- 4) Subtract Gallons of Water from Total Gallons of Solution= Gallons of Hasten Cleanse required.
- 5) Apply Hasten Cleanse solution with spray equipment contacting every part of the interior of the tank.
- 6) Attach a separate discharge pump placing both intake and discharge hoses in the tank for recirculation while spraying the solution.
- 7) Once the entire interior of the tank has been covered adequately, shut off the pump and allow the solution to dwell for 15 minutes.
- 8) Check Lower Explosive Limit (LEL) reading.
- 9) If LEL reading is not within acceptable ranges, repeat steps 5 - 8.
- 10) Testing Hasten Cleanse dilution rates prior to full scale use is recommended.
- 11) Always follow established safety practices when working inside and around closed containers. Personal safety must always be taken into consideration when working with flammable and combustible materials.

IMPORTANT NOTICE: To the best of our knowledge, the information contained herein is true and accurate. The manufacturer warrants that this product conforms to the technical specifications provided that this product is maintained in its original container and stored at the temperatures indicated in the instructions for use. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risks and liability whatsoever in connection therewith. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE IN EITHER TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INDIRECT, OR CONSEQUENTIAL, ARISING OUT OF THE INABILITY TO USE THIS PRODUCT.