ENVIRO Tech International, Inc.

EnSolv®- Spec 490 Technical Data Sheet

DESCRIPTION

EnSolv®-Spec 490 is the stabilizer additive for the Boeing Approved ***EnSolv®-5408*** Precision Cleaning Vapor Degreasing Solvent. The stabilizer additive can be added to a vapor degreaser in place of fresh solvent when the acid acceptance level of the solvent falls below, for example 0.19 weight percent sodium hydroxide. Please refer to Boeing's PSD 6-62.

MATERIALS COMPATIBILITY

EnSolv®-Spec 490 does not contain any constituents that ***EnSolv®-5408*** does not already contain. When added to ***EnSolv®-5408***, the solvent will remain compatible with metals and plastics as well as other materials typically cleaned in a vapor degreaser. For a full list of compatibility recommendations, refer to the "Materials Compatibility" document available for download at www.envirotechint.com. Any materials not listed in this document should be tested for compatibility under the conditions of use.

HEALTH & SAFETY

EnSolv®-Spec 490 is a non-flammable, non-carcinogenic solvent mixture that is safe to use as a stabilizer additive. Enviro Tech recommends that safe work practices are implemented whenever handling chemicals of any kind to minimize exposure levels. Please refer to the ***EnSolv®-Spec 490*** Material Safety Data Sheet available for download at www.envirotechint.com for more specific information on workplace exposure levels, toxicity and personal safety recommendations.

REGULATORY INFORMATION

EnSolv®-Spec 490 is classified as non-hazardous for transport by the U.S. DOT.

n-Propyl Bromide, a principal component of ***EnSolv®-Spec 490***, is currently classified as 100% Volatile Organic Compound (VOC). Enviro Tech has petitioned the U.S. EPA for VOC exempt status based on low atmospheric reactivity derived from independent testing. The Environmental Protection Agency (EPA) determines that n-Propyl Bromide (n-PB) is an acceptable substitute for methyl chloroform and chlorofluorocarbon (CFC)-113 in the solvent cleaning sector of the Significant New Alternatives Policy (SNAP) program under section 612 of the Clean Air Act. n-Propyl Bromide has been shown to neither deplete the ozone layer nor contribute significantly to global warming.

PROCESS CONTROLS & MAINTENANCE

Before adding the ***EnSolv®-Spec 490*** Stabilizer Additive to ***EnSolv®-5408*** solvent, the acid acceptance level of the solvent should be determined using an Acid Acceptance Test Kit, available from Enviro Tech International. If the solvent's acid acceptance level is low (e.g., 0.19 weight percent sodium hydroxide or less), fresh ***EnSolv®-5408*** solvent or the stabilizer additive can be added to restore the solvent to an acid acceptance level that is equal to or greater than 0.25 weight percent sodium hydroxide (See the chart on page 2 for adding ***EnSolv®-Spec 490*** when the drops of Solution B from the test kit are determined). The ***EnSolv®-5408*** solvent should not be allowed to turn acidic. The acidic condition could become evident by a reddish brown solvent color, an acrid solvent odor, or a low pH of, for example 3 units or less.

PHYSICAL PROPERTIES

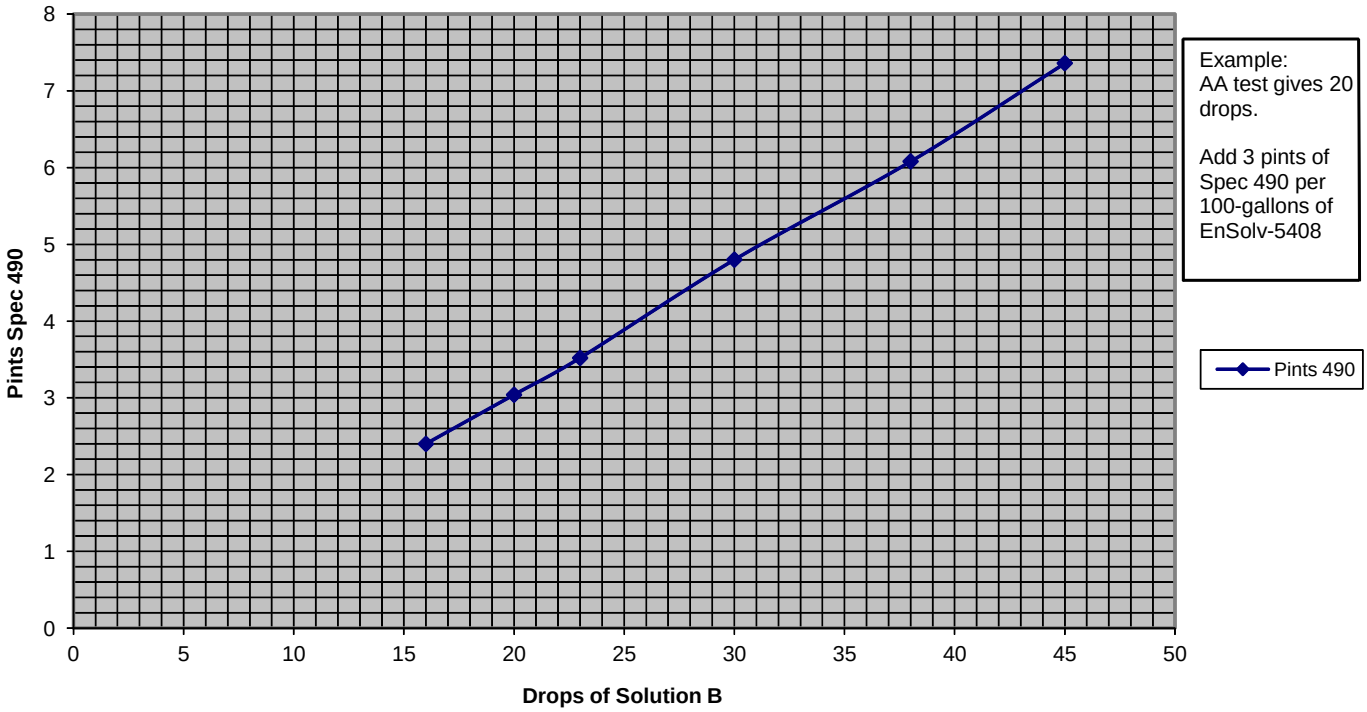
Refer to the Material Safety Data Sheet for typical physical properties.

PACKAGING & AVAILABILITY

EnSolv®-Spec 490 is available in 5-gallon metal cans that weigh 45-pounds each.

The approximate weight of ***EnSolv®-Spec 490*** is 9 pounds per gallon. ***EnSolv®-Spec 490*** is maintained in inventory and most orders received prior to 12:00 pm CST ship the same day. Contact an Enviro Tech representative for pricing, availability and technical questions.

Pints Spec 490 to add per 100-gallons EnSolv-5408 vs. drops Solution B



NOTE: If Acid Acceptance test yields more than 29 drops, the acid acceptance is critically low. It is recommended to remove the solvent, neutralize the system and charge with new EnSolv-5408 solvent. If no fresh solvent is available, add pints of Spec 490 according to the chart below and monitor closely until the system can be cleaned out and recharged.