

EnSolv[®]-HC75 Technical Data Sheet

DESCRIPTION

EnSolv-HC75 was developed for removal of a wide range of organic soils by manual cleaning / hand wiping. EnSolv-HC75 is a patented solvent blend with additives for superior soil lifting, white metals reaction prevention and corrosion inhibition. EnSolv-HC75 is a blend of EnSolv and an Isoparaffin compound that when combined complement and enhance the cleaning characteristics of each other, are non flammable and evaporate at a slow enough rate to make the end product an excellent manual cleaner.

MATERIALS COMPATIBILITY

EnSolv-HC75 is compatible with all metals, many plastics and many other materials typically cleaned manually in industry. 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-HC75 is a non-flammable solvent mixture that is safe to use in many applications. Enviro Tech recommends that safe work practices be implemented whenever handling chemicals of any kind to minimize exposure levels and prevent toxic effects. Please refer to the EnSolv-HC75 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-HC75 is classified as non-hazardous for transport by the U.S. DOT. For international shipments, EnSolv-HC75 is exempt from classification as a flammable material per Special Provision A3 under Sub Section 4.4 in the IATA shipping manual.

A component of EnSolv-HC75, n-Propyl Bromide, 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 U.S. EPA has recommended in June 2003 that n-Propyl Bromide be approved under the Significant New Alternatives Policy (SNAP) as a suitable replacement for ozone depleting chemicals. N-Propyl Bromide has been shown to neither deplete the ozone layer nor contribute significantly to global warming.

SOLVENT PROPERTIES

Typical Physical Properties	
Specific Gravity @ 75°F (H ₂ O=1)	0.84
Flash Point TCC (°C)	None
n-PB meets ASTM-D 6368	Yes
Flammability Limits (vol. %) based on n-Propyl Bromide	0.9 – 6.3 %
Appearance	Clear & free of suspended matter

Cleaning, Corrosivity, Residue	
Corrosion of Metals	Does not corrode carbon steel, copper, stainless steel, aluminum, magnesium or titanium.
Free Halogen	Passes Test
Non-Volatile Residue (ppm / wt. % max.)	10 / 0.0010
Acidity, as HCL (wt. % max.)	0.0010
Water (wt. % max.)	0.02

PACKAGING & AVAILABILITY

EnSolv-HC75 is available in the following container sizes and weights:

**55 Gallon Drum
Bulk Tanker or Tote**

**386 lbs (175 kg)
Variable**

The above represents typical properties of EnSolv-HC75 Cleaning Solvent, but do not represent any other product specification. Other EnSolv products have similar characteristics, but are not necessarily identical to the properties listed above. For specific values and specifications, consult the product's Certificate of Analysis.