

CLAREA HC 40 Technical Data Sheet

DESCRIPTION

CLAREA HC 40 is an aliphatic hydrocarbon based low odour degreasing solvent with a flash point of 40°C. It will remove oils, greases, hydraulic fluids cutting fluids and a wide variety of hydrocarbon based protective coatings. It can be used as dip, brush or in hand-wipe process. It has a relatively fast evaporation rate and is most suited to hand wipe and small immersion tanks.

MATERIALS COMPATIBILITY

CLAREA HC 40 is compatible with all metals and many plastics and other composite materials.

PROCESSING

To reduce solvent losses keep containers closed. Dip tanks should have a suitable close fitting lid which should be closed when not in operation. Stubborn soils can be worked with a brush. Excess solvent can be removed with cloth. Allow components to air dry in ventilated area. Blowing air over the components will aid drying.

HEALTH & SAFETY

CLAREA HC 40 is a non-carcinogenic solvent mixture that is safe to use in many applications and is not classified as flammable. Enviro Tech recommends that safe work practices are implemented whenever handling chemicals of any kind to minimise exposure levels and prevent toxic effects. Please refer to the CLAREA HC 40 Material Safety Data Sheet available on request at www.clarea-europe.com for more specific information on workplace exposure levels, toxicity and personal safety recommendations.

REGULATORY INFORMATION

CLAREA HC 40 is classified as flammable. CLAREA HC 40 has been shown to neither deplete the ozone layer nor contribute significantly to global warming.

SOLVENT PROPERTIES

Typical Physical Properties	
Boiling Point (°C) minimum	162°C
Boiling Point (°C) maximum	181°C
Specific Gravity @ 15°C (H2O=1)	0.77
Colour Saybolt ASTM D156	+30
Aromatics mg/kg	<100
Benzene mg/kg	<3
Flash Point TCC (°C) minimum	40°C
Auto ignition temperature	270°C
Flammability Limits (vol. %)	0.6 – 6.0 %
Vapour Pressure @ 20°C (mm Hg)	<3
Vapour Density	Heavier than air
Evaporation Rate (Butyl Acetate = 1)	0.23
Specific Heat @ 25°C (KJ/kg/°C)	2.0
Appearance	Clear & free of suspended matter

Cleaning, Corrosivity, Residue	
Kauri Butanol Number	32
Copper corrosion (3hr @ 100°C) ASTM D130	1
Doctor test ASTM D235	Negative
Non-Volatile Residue (ppm)	10

PACKAGING & AVAILABILITY

CLAREA HC 40 is available in the following container sizes:

205 lt drum

25 lt can

5 lt can

Please contact us for pricing and availability

The above represents typical properties of CLAREA HC 40 Degreasing and Cleaning Solvent, but do not represent any other product specification. Other CLAREA 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.