

## CLAREA HC 62 Technical Data Sheet

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### **DESCRIPTION**

CLAREA HC 62 is an aliphatic hydrocarbon based low odour degreasing solvent with a flash point over 60C. It will remove oils, greases, hydraulic fluids cutting fluids and a wide variety of hydrocarbon based protective coatings. It is suitable in ultrasonic systems and can be used as dip, brush or in hand-wipe process.

### **MATERIALS COMPATIBILITY**

CLAREA HC 62 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. If using with ultra-sonics set frequency to 25kHz and ensure temperature does not exceed 40°C (optimum). 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 62 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 62 Material Safety Data Sheet available on request at [www.clarea-europe.com](http://www.clarea-europe.com) for more specific information on workplace exposure levels, toxicity and personal safety recommendations.

### **REGULATORY INFORMATION**

CLAREA HC 62 is classified as non-hazardous for transport. CLAREA HC 62 has been shown to neither deplete the ozone layer nor contribute significantly to global warming.

**SOLVENT PROPERTIES**

<b>Typical Physical Properties</b>	
Boiling Point (°C ) minimum	188°C
Boiling Point (°C ) maximum	209°C
Specific Gravity @ 15°C (H2O=1)	0.78
Colour Saybolt ASTM D156	+30
Aromatics mg/kg	<100
Benzene mg/kg	<3
Flash Point TCC (°C) minimum	62°C
Auto ignition temperature	255°C
Flammability Limits (vol. %)	0.6 – 6.0 %
Vapour Pressure @ 20°C (mm Hg)	<1
Vapour Density	Heavier than air
Evaporation Rate (Butyl Acetate = 1)	0.04
Specific Heat @ 25°C (KJ/kg/°C)	2.0
Appearance	Clear & free of suspended matter

<b>Cleaning, Corrosivity, Residue</b>	
Kauri Butanol Number	31
Copper corrosion (3hr @ 100°C) ASTM D130	1
Doctor test ASTM D235	Negative
Non-Volatile Residue (ppm)	10

**PACKAGING & AVAILABILITY**

CLAREA HC 62 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 62 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.