



LEC-KLENE **HIGH FLASH POINT SOLVENT FOR CLEANING** **ELECTRICAL AND AEROSPACE EQUIPMENT**



LEC-KLENE is a highly refined, low aromatic solvent cleaner, which has been specifically formulated to satisfy the exact requirements of DEF STAN 68-148 issue 2, for the safe and effective cleaning of Electrical and Aerospace equipment. The high flash point and low aromatic content enable it to be safely used in confined areas where fire or health risks are to be minimised.

LEC-KLENE is a powerful, low odour solvent which contains no CFC's or chlorinated solvents. It is an ideal alternative to 1.1.1 Trichloroethane.

LEC-KLENE'S controlled evaporation provides superior cleaning by fully dissolving greases and resins which bind soil to surfaces. Compare **LEC-KLENE** with quicker drying solvents which may not allow sufficient time to dissolve and flush away grease residues.



APPLICATIONS

A highly effective cold cleaning and degreasing solvent for use in all Military and Defence related industries including:

- * PCB's and Electronics
- * Light and Heavy Engineering
- * Marine
- * Metal Working
- * Composite Fabrication
- * Aviation

LEC-KLENE is ideal for removing oils, greases, waxes, tar, bitumen, brake block dust, carbon and other general soiling. It has no detrimental effect on painted surfaces, ferrous and non-ferrous metals, composite materials, rubbers and plastics. It totally evaporates to leave surfaces clean and dry, ready for any post cleaning treatments.

CHEMICAL COMPATIBILITY

LEC-KLENE has no detrimental effect on the following materials:-

Epoxy based composites commonly used in aircraft structures	Aluminium
Acrylic Sheet - (Polymethyl Methacrylate) - DTD 5592A	Magnesium Alloy
Nitrile Rubber	Copper
Fluorocarbon Rubber	Steel (BS1449 Part 1)
Polyurethane Paint Films	Cadmium Plated Steel
Acrylic Paint Films	

Meets ASTM F519-97 - Standard test method for mechanical hydrogen embrittlement evaluation of plating processes and service environment.

Meets ASTM F1110 -. Sandwich corrosion

TECHNICAL DATA - SOLVENT PURITY

Specification/Approval : Meets DEF STAN 68-148 Issue 2
Aromatic Content : Less than 10ppm
Sulphur : Less than 5ppm
Copper Corrosion : TBA
Aluminium :
Magnesium Alloy : Meets the requirements of DEF-STAN 68-148
Steel : Issue 2
Cadmium Plated Steel :
Residue on Evaporation : Nil

PROPERTIES

Appearance : Clear, Colourless Liquid
SG @ 25°C : 0.760
Odour : Faint
Freezing Point : TBA
Boiling Point Range (typical) : 180°C to 215°C
Evaporation Rate : TBA
Auto-Ignition Temperature : > 200°C
Flash Point : > 62°C
Flammability : Bulk material is not classified as flammable for supply under current EU regulations. Aerosol sprays classified as extremely flammable under current EU regulations
Toxicity : Classified as harmful under current EU regulations
Kb Value : 28
Packaging : 5 ltr drums (in outers of 4 x 5 ltr) and 25 ltr drums 200 ltr drums available on request. 400ml aerosol (12 per carton)

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 72 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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