



Decalin Chemicals LLC

www.decalinchemicals.com

P.O. Box 830, Fall River Mills,
CA 96028

Tel: (650) 353-5062

Fax: (650) 353-5066

Technical Data Sheet:

Decalin RunUp™

Composition:

Alkoxy alcohol,
Tri-Cresyl Phosphate (TCP),
Polyetheramine.
See the MSDS for details.
Patent 8,016,897 B2 Sept 13, 2011

Application

Decalin RunUp™ is designed and formulated to react with lead after combustion to prevent lead oxide buildup on valves and still allow the lead to perform the anti-knock function prior to combustion.

The product will not attack or degrade the materials normally used in fuel tank, fuel injector, carburetor or fuel line construction.

It is designed for piston engines, where it reduces lead and deposit buildup on valves, pistons and plugs. Use with caution in turbo-charged engines since lead phosphate deposits ejected from the engine may build up on turbine blades. Inspect them regularly, at least every 100 hours or at a time interval of operation determined by previous inspections.

The product is designed to prevent valve seat erosion due to valve seat micro welding. It is equivalent to TCP (for experimental only).

It does not contain highly volatile solvents so it is safe to ship and safe in the cockpit. You can carry it with you for out-of-town airports.

It has an easy to use graduated measuring and dispensing reservoir built into the bottle.

Tested and stable down to -60 degrees C.

Physical Properties

Density	0.90	g/ml
Color	Clear to pale amber	
Boiling Point	340 deg F	171 deg C
Flash Point	160 deg F	71 deg C
Odor	Mild amine	

Usage

Lycoming clone and Continental clone engines and Rotax engines: ½ ounce per 10 gallons aviation 100 LL. This product is not approved for use in certified aircraft engines.

Application:

Remove the cap on the reservoir. Squeeze the bottle to push product into the reservoir. The reservoir is marked ½ and 1 ounce. Pour the required amount into the fuel tank. The product will disperse rapidly in the fuel.

Storage

Store at 90 deg F or below. Darkening may occur above this temperature, but this does not affect the performance of the product. Do not store in direct sunlight or in wet or excessively humid environments.