

# ADDIP PC849

## Hot tank Degreaser, Decarboniser, Deruster and Paint Strippe

**ADDIP PC849** is an alkaline, hot tank degreaser, decarboniser, paint stripper and deruster. When used at elevated temperatures, **ADDIP PC849** will rapidly remove carbonised oil, a broad range of paints, corrosion deposit and all types of grease.

**ADDIP PC849** finds applications in engine reconditioners, automotive workshops, organic surface coating removal and engineering workshops.

### **ADDIP PC849** is DESIGNED:

- To rapidly wet, penetrate, degrade and suspend most fats, oils, greases, burnt on carbon and proteinaceous soils, commonly found on metal surfaces in the food, transport, engine reconditioning and engineering industries.
- To be corrosion safe on copper and ferrous metals - the use of **ADDIP PC849** to derust and descale under alkaline conditions without attack on the base metal. This property is particularly advantageous in the engine reconditioning and engineering industries where it is important to maintain original machining tolerances.
- To rapidly penetrate, swell and remove organic surface coatings, e.g. polyurethane, two pack epoxies, acrylics, silicone, varnish and powder coatings.
- To provide excellent tank life - **ADDIP PC849** contains special soil suspending agents which results in an increased tolerance of contaminants and increased tank life.
- To reduce the number of tanks required in a process line - **ADDIP PC849** performs the function of degreaser and deruster in the one tank.
- To maintain its high-performance characteristics when used in hard water.
- To contain only biodegradable surfactants.

### **CHEMICAL AND PHYSICAL PROPERTIES**

Appearance:	White to off white, granular powder
Flash Point:	Non-flamable
pH (1% solution):	>13
Foam Characteristics:	Moderate

## DIRECTIONS FOR USE

To achieve optimum results **ADDIP PC849** should be used hot in an agitated tank. The following recommended operating ranges are provided as a guide only and may be varied to suit the type and degree of soil and/or paint to be removed.

<b>Concentration</b>	60 gm to 150 gm per litre of bath solution.
<b>Temperature</b>	Ambient to 95°C but normally 60 -70 °C.
<b>Immersion Time</b>	10 minutes to 12 hours.

Product performance improves with increasing temperature. To ensure optimum performance heat tank to greater than 65°C

Agitation will greatly enhance the performance of **ADDIP PC849** in hot tanks. Advance Chemicals recommend that the only form of agitation used should be mechanical. Air agitation (bubbling air through the solution) may result in degradation of the bath by absorption of carbon dioxide from air and result in a reduction of bath life.

**Bath Life** This is dependant on throughput of work. The cleaning rate will be slowed by absorption of carbon dioxide from the air and by the build up of soil load. A typical time would be 3 months.

## TANK CONSTRUCTION

Advance Chemicals recommend that the tank be constructed from mild steel with stainless steel heating coils.

## CAUTION

Never add **ADDIP PC849** to a bath when the bath temperature exceeds 50°C as this may result in dangerous splattering and boiling.

Always add **ADDIP PC849** to water slowly to reduce the risk of splashing and boiling.

Do not use **ADDIP PC849** on aluminium or zinc alloys (including galvanised iron). These metals are attacked by caustic solutions.

## SAFETY PRECAUTIONS

**WARNING:** This product is caustic. Avoid contact with the skin and eyes. Avoid inhaling dust.

Wear gloves and faceshield when using this product or its solutions.