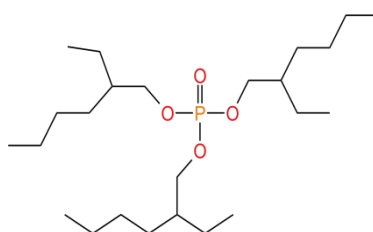


**PSAIL® 3680** is an efficient, ashless and environmentally friendly extreme pressure anti-wear agent with a tri-iso-octyl phosphate structure. It has excellent extreme pressure performance, load-carrying capacity and hydrolysis stability. It has been widely used in multiple fields such as hydraulic oil, compressor oil and metalworking fluid. Compared with other similar ashless anti-wear additives, this product has almost no negative impact on extreme pressure performance and load-carrying capacity. When mixed with a suitable base oil, it can be used to prepare an environmentally friendly lubricant, and it has extremely high hydrolysis stability.

## CHEMICAL COMPOSITION



Tri-iso-octyl phosphate

CAS No.: 78-42-2

## TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Colorless transparent liquid	Visual inspection
Density at 20℃, g/cm <sup>3</sup>	0.92	GB/T 1884-2000
Flash point open cup, °C	174	GB/T 3536-2008
Phosphorus content, %	7	NB/SH/T 0824-2010
Free phenol, %	≤0.05	HPLC

Note: The above analytical data are not specifications.

## PERFORMANCE CHARACTERISTICS

- Ashless and environmentally friendly
- High hydrolysis stability and excellent extreme pressure performance
- Combined with the appropriate base oil, can be prepared environmentally friendly lubricants

## **APPLICATION**

- Hydraulic oil
- Compressor oil
- Metal working oil/fluids

## **USAGE METHOD**

- Added to the formulation directly and compatibility needs to be tested before adding

## **RELATIVE PRODUCTS**

- RC 3680, TOP

## **PACKAGING AND STORAGE**

<b>Packaging</b>	50kg plastic drum or 180kg steel drum (Net weight)
<b>Storage conditions</b>	Store in a cool, dry, well-ventilated warehouse

## **HANDLING INFORMATION**

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **PSAIL® 3680**.

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