



## SP-424



### Parts Cleaner Concentrate

SP-424 is a boron-free liquid cleaning compound and corrosion inhibitor designed for use in high-pressure production spray washers. It is intended primarily for use in the removal of coolants, machining fluids and honing oils from machined metal surfaces.

SP-424 has broad corrosion-inhibiting characteristics. It will provide corrosion protection to ferrous and non-ferrous metals. SP-424 is a non-foaming cleaner. SP-424 solutions reject oil, leading to enhanced washer cleanliness and extended solution life. SP-424 leaves a soft residue upon evaporation.

SP-424 is mildly alkaline, the concentrate having a pH of 11.1. This product is intended for use at concentrations of 2% to 3% by volume, and the pH of working solutions is in the range of 9.8-10.

SP-424 is designed to be effective in washers operating at ambient temperatures, and is immediately and completely soluble in cold water. Solutions are heat stable, and will neither break down nor lose corrosion protection properties in washers operated at

moderately elevated temperatures. Use at ambient temperature is recommended in most applications to reduce the formation of residues through evaporation of water from hot surfaces.

For additional information on SP-424 refer to the MSDS or contact Producto Chemicals for specific recommendations.

#### TYPICAL PROPERTIES:

Appearance:	Clear liquid
Odor:	Chemical
pH (Concentrate)	11.1
pH (3%)	10
Specific Gravity:	1.08
Density:	9 pounds/gallon
Foam Character:	Low

#### AUTOMOTIVE APPROVALS:

#### WARRANTY:

Producto Chemicals will grant credit on any product which proves defective in material or workmanship as determined by us subject to the following conditions: all material is subject to our inspection prior to issuing credit; any refund will be adjusted based on the volume of product used; no credit will be granted for used or unused product(s) over one year old as determined by the batch number; no credit will be granted for product placed or stored in a bulk storage tank, mixed with other material or batches in a bulk storage tank or for any material not in original container. The terms in this warranty do not in any way extend to any product thereof covered by this agreement, which has a life, under normal usage, inherently shorter than the one-year period indicated above. Except as set forth expressly in writing herein, there are no other warranties express or implied in respect of any product.

No warranty of merchantability or fitness for purpose shall apply.

#### LIMITATION OF LIABILITY:

Under no circumstances shall we or any affiliate of ours have any liability whatsoever for loss of use or for any indirect or consequential damages.

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31003 Industrial Road • Livonia, MI 48150  
Phone: 734-422-2010 • Fax: 734-422-0244

