



# Product Information Flyer

### DESCRIPTION

PRODUCTO SP-840NK is a non-foaming highly alkaline, heavy duty cleaner and corrosion inhibitor concentrate. It is designed for use in high-pressure production spray washers, as well as immersion tank operations.

### APPLICATION

PRODUCTO SP-840NK is intended primarily for use in the removal of coolants, machining fluids, honing oils and greases from ferrous metals.

### FEATURES & BENEFITS

#### BROAD CORROSION INHIBITING CHARACTERISTICS:

PRODUCTO SP-840NK can also be used as a corrosion inhibitor. It provides corrosion protection on ferrous metals and will prevent rust for extended periods of time under optimal conditions.

#### RESIDUE:

PRODUCTO SP-840NK leaves a corrosion inhibiting residue that will not char or generate smoke when parts are heated. These residues will not interfere with brazing or welding. It also makes it ideal for washing and/or leak testing exhaust manifolds and other parts that are subject to becoming hot in use.

#### OIL REJECTING:

PRODUCTO SP-840NK solutions reject oil leading to enhanced washer cleanliness and extended solution life.

#### WASTE TREATABLE:

PRODUCTO SP-840NK responds readily to conventional waste treatment procedures.

### RECOMMENDED STARTING DILUTIONS

PRODUCTO SP-840NK is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

Spray Washers:	3% - 5%	(1:33 to 1:20)	Ambient to 180°F
Immersion Tanks:	5% - 10%	(1:20 to 1:10)	Ambient to 180°F
Rust Inhibitor:	10% - 15%	(1:10 to 1:7)	Ambient to 180°F

### CONCENTRATION

A Total Alkalinity Procedure, CIMCHEK™ Test Strip or Refractometer can be used to test concentration. A refractometer is only recommended for use in checking the concentration of a fresh charge.

The Refractometer Factor is 3.3

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing.

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Solubility in Water:** 100% Miscible

**Boiling Point:** 212°F

**pH Concentrate:** 12.5

**Appearance and Odor:** Clear/Chemical

**Specific Gravity:** 1.14

**VOC Content (by ASTM D2369):** 7%

**pH Mix 4%:** 11.2

### HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly prior to use. Inside storage is recommended.

### SAFETY DATA SHEET

Available at [www.cimcool.com](http://www.cimcool.com)

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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