



# Product Information Flyer

### DESCRIPTION

PRODUCTO UC-945 is a highly alkaline liquid, cleaner and corrosion inhibitor concentrate designed for use in ultrasonic cleaning, as well as immersion tank operations.

### APPLICATION

PRODUCTO UC-945 is intended primarily for use in the removal of heavy greases, oils and particulate from ferrous and non-ferrous metals. It is particularly suited for precision cleaning of aluminum parts.

### FEATURES & BENEFITS

#### VERSATILITY:

PRODUCTO UC-945 can be used at temperatures ranging from ambient to near boiling.

#### BROAD CORROSION INHIBITING CHARACTERISTICS:

PRODUCTO UC-945 provides corrosion protection on ferrous and non-ferrous metals. It will also prevent the corrosion of brass and bronze, both on parts and in washer components. Solutions will not stain or pit aluminum leaving it with a bright finish.

### RECOMMENDED STARTING DILUTIONS

PRODUCTO UC-945 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.

Ultrasonic Baths:	3% - 5%	(1:33 to 1:20)	Ambient to 200°F
Immersion Tanks:	5% - 10%	(1:20 to 1:10)	Ambient to 200°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 3.1

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:** 13.0

**Appearance and Odor:** Clear/Chemical

**Specific Gravity:** 1.15

**VOC Content (by ASTM D2369):** NA

**pH Mix 3%:** 11.0

### 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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