



# TURCO<sup>®</sup> LIQUID SPRAYEZE NP-LT

## LIQUID ALKALINE WIDE TEMPERATURE RANGE CLEANER FOR SPRAY AND DIP SYSTEMS

### DESCRIPTION:

TURCO LIQUID SPRAYEZE NP-LT is a straw colored liquid, developed to remove shop soils, lube oils, light drawing oils and drawing waxes from ferrous, aluminum, copper and titanium alloys. TURCO LIQUID SPRAYEZE NP-LT is also suitable for cleaning magnesium, zinc and cadmium, and is ideal for precleaning metals prior to phosphating and painting.

TURCO LIQUID SPRAYEZE NP-LT does not contain free caustic or phosphates, readily rinses from metals surfaces with room temperature water and is effective from 32°to 88°C.

### FEATURES:

TURCO LIQUID SPRAYEZE NP-LT offers these features:

1. Pratt & Whitney Approved
2. General Electric Aircraft Engine Approved
3. Operates at a wide temperature range, from 32°to 88°C
4. Used at low concentrations
5. Free rinsing from parts with room temperature water
6. Solution is controlled by simple titration
7. Contains less than 1 PPM lead, silver, zinc, tin, copper and cadmium
8. Contains less than 50 PPM halogens
9. Passes ARP 1755B, Category 10
10. Passes ASTM F-945 (AMS 4911 and AMS 4916 Titanium)
11. Passes ASTM F-519, Type 1A hydrogen embrittlement test

### USE INSTRUCTIONS:

**Spray Systems:** Add TURCO LIQUID SPRAYEZE NP-LT at 3% to 10% by volume of water. Operate system at 32°to 88°C, with a contact time of 1 to 2 minutes, with spray pressure of 20-30 psi. Rinse with cold to warm water. For automatic dispensing systems, set pump to maintain concentration as recommended above.

**Dip Systems:** Add TURCO LIQUID SPRAYEZE NP-LT at 5% to 25% by volume of water. Operate systems at 32°to 88°C with a contact time of 5 to 30 minutes, with air or mechanical agitation. Rinse with cold to warm water. For automatic dispensing systems, set pump to maintain concentration as recommended above.

**Tanks:** Tanks and associated equipment may be fabricated from mild steel or stainless steel. Stainless steel is preferred.

**CONTROL:**

A laboratory test procedure is available upon request.

**DISPOSAL INFORMATION:**

Dispose of spent solution per local, state and regional regulations. Refer to your TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

**WARNING! On contact causes eye irritation. May cause skin irritation.**

TURCO LIQUID SPRAYEZE NP-LT contains silicate and surfactant. Avoid contact with eyes, skin and clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles and gloves, made from alkaline resistant materials should be worn when handling this product.

Transport and store in closed containers at temperature below 55°C.

Before using this product refer to container label and TURCO MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

**NOTICE:**

*The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss damage or injury, direct or consequential, arising out of the use of this product.*

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