

## **TURCO<sup>®</sup> 3878 LF-NC**

### **LOW FOAM NONCHROMATED EMULSION CLEANER**

#### **DESCRIPTION:**

TURCO 3878 LF-NC is a clear, colorless water emulsion cleaner formulated to remove shop soils, marking inks, cutting oils, forming oils and lube oils from ferrous and nonferrous alloys.

TURCO 3878 LF-NC has replaced solvent type vapor degreasing fluids thereby obtaining effective cleaning at reduced costs without the hazards associated with chlorinated solvent cleaning.

#### **FEATURES:**

TURCO 3878 LF-NC offers these features:

1. Nonflammable in concentrate or diluted form
2. Can be used with air or mechanical agitation
3. Low foaming at recommended concentrations and temperature
4. Does not contain chromate or chlorine
5. Easily rinsed from parts with warm water
6. Non-corrosive to aluminum, steel, copper, titanium, stainless steel, plated metals and conversion coated magnesium alloys

#### **USE INSTRUCTIONS:**

**Tanks:** Tanks and associated equipment may be fabricated from mild steel.

Add TURCO 3878 LF-NC at 15-25% by volume to water. Operate solution from room temperature to 140°F (60°C), with air or mechanical agitation. Optimum cleaning is obtained between 130°F to 140°F (54° to 60°C).

**Rinsing:** Rinse with hot or cold water. Warm water is preferred.

#### **ULTRASONIC AND TURCO TURBULATOR CLEANING:**

TURCO 3878 LF-NC has been proven to be an effective cleaner for use in TURCO Ultrasonic and TURCO Turbulators, when used at about 20% by volume in water. Consult your TURCO Sales Engineer concerning these cleaning methods.

## **CONTROLS:**

Laboratory and field experiences indicate the TURCO 3878 LF-NC has a high capacity for soils. It is recommended that the tank be drained, cleaned and a fresh solution be prepared on a regular basis, such as every six to eight weeks. However, the time between recharging will vary and is dependent upon the workload and the amount of soil removed. Tank should be recharged when cleaning time becomes excessive or the solution no longer produces clean parts. A laboratory control 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.

## **CAUTION!**

TURCO 3878 LF-NC is considered to be a relatively non-hazardous industrial cleaner. However, as in the case of any chemical compound, avoid contact with eyes, skin and clothing. It will produce severe eye irritation and moderate to severe skin irritation. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing such as a chemical face shield or goggles and gloves, boots and apron, made from alkali-resistant materials, should be worn by using personnel. A NIOSH-approved respirator, equipped with a mechanical filter, should be worn during mist conditions.

Store and ship in closed containers away from excessive heat or direct sunlight.

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. 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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