



## **PHOSPHAT-SUPER & PHOSPHAT-SUPER SPRAY** **LIQUID CLEANER/IRON PHOSPHATE**

### **DESCRIPTION**

PHOSPHAT is liquid containing a high concentration of liquid solvent type detergents and mild acidic chemical phosphating compounds. PHOSPHAT is a heavy duty cleaner and iron phosphating compound for use in dip tanks. The primary advantage of PHOSPHAT is its superior cleaning ability, PHOSPHAT provides a more uniform and consistent iridescent phosphate conversion coating on steel and zinc surfaces, and also assures excellent post rush inhibition.

PHOSPHAT-SUPER is used in DIP TANK APPLICATION and PHOSPHAT-SUPER-SPRAY is a low foaming product used in spray application.

### **APPLICABLE GOVERNMENT SPECIFICATION**

Meets TT-C-490, Type II Requirement for Iron Phosphate Coatings.

### **ADVANTAGES**

PHOSPHAT provides the following product features :

1. COMBINES CLEANING AND PHOSPHATING IN ONE STEP, to reduce operational costs.
2. PROVIDES EXCELLENT CLEANING, normally superior to powdered cleaner/iron phosphate compounds.
3. ASSURES LONG TANK LIFE and AMORPHOUS PHOSPHATE COATING for optimum paint adhesion.

### **HOW TO USE PHOSPHAT**

#### **DIP TANK APPLICATION**

##### 1. CLEAN/PHOSPHATE

PHOSPHAT-SUPER at 5-6 % at 40-60 °C for about 5 minutes or 10-15% at room temperature for 10 minutes.

##### 2. RINSE

Clean overflowing cool water for 1-2 minutes. Dump & refill daily.

##### 3. INHIBITIVE RINSE

HIB or HIBI SEAL-NC, 2 ‰ at 20-80 °C for 1 minute.  
Dump and recharge weekly.

#### **SPRAY APPLICATION**

PHOSPHAT-SUPER-SPRAY at 1,5-3 % at 20-60 °C for about 2 minutes.

Clean overflowing cool water for 1-2 minutes. Dump & refill daily.

HIB or HIBI SEAL-NC , 2 ‰ at 20-80 °C for 1 minute.  
Dump and recharge weekly.

**CAUTION** : PHOSPHAT contains acidic constituents. Avoid contact with skin, eyes etc.