



## TECHNICAL BULLETIN

### **G-CONTROL 877** **CORROSION INHIBITOR FOR METALS – CONCENTRATED**

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#### **1) PRODUCT DESCRIPTION**

**G-CONTROL 877** is an excellent water based concentrate which protects metallic parts from corrosion for up to three years. The product dissolves readily in water and can be applied by spraying or soaking. **G-CONTROL 877** has been developed to protect iron, steel, stainless steel, galvanized steel, aluminum and copper. It forms a clear, dry and hydrophobic film on the metallic surface and gives the treated parts an attractive finish. Parts protected by **G-CONTROL 877** can be painted by conventional coating systems.

#### **Recommended dilutions**

Between 0.5 to 20%.

*Note: In a parts washing tub, **G-CONTROL 877** is usually added in concentrations between 5% and 10% in the rinse cycle. pH of the solution should always be above 8.*

#### **2) ADVANTAGES**

Formulated from an elaborated blend **G-CONTROL 877** is an excellent rust inhibitor which replaces more toxic solvent, nitrite and phosphate based products.

#### **Properties:**

- Protects parts for up to three years
- Water based
- Excellent for ferrous and non ferrous metals
- Prevents flash rust
- Can be diluted up to 0.5%
- Gives an attractive appearance to treated metals.

### **3) PHYSICAL PROPERTIES**

Appearance.....	dark brown liquid
Odour .....	mild, light citrus odour
pH (Sol. 1%).....	8.0 – 9.5
Film type.....	dry and translucent
Flash point.....	not applicable
Homogeneous solution .....	instantaneous
Specific gravity .....	1.00 – 1.10

### **4) PROCEDURE**

- Dilute **G-CONTROL 877** with water and agitate vigorously
- Apply on parts to be treated by spraying, in a washing tub or by soaking
- Let dry.

pH should always be above 8 for best results.

### **5) PERSONAL PROTECTION**

When using **G-CONTROL 877**, it is recommended to use the following safety equipment:

- Safety goggles or protective glasses
- Chemicals resistant gloves

### **6) STORAGE**

Store **G-CONTROL 877** at a controlled temperature of 0° C to 30° C (32° F to 90° F) in a plastic container. The product can freeze below 0°C (32°F). Store in a closed plastic container when not in use. The shelf life of the product has been determined to be two (2) years.

### **7) PACKAGING**

**G-CONTROL 877** is available in the following sizes:

- Pails (20 Litres/ 5 Gallons)
- Drums (205 Litres / 55 Gallons)

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