



## TECHNICAL BULLETIN

### G-MAX 306

### POWERFUL ALKALINE CLEANER & DEGREASER - CONCENTRATE

#### 1) PRODUCT DESCRIPTION

**G-MAX 306** is a powerful water based alkaline degreaser used to clean all kinds of dirt and fingerprints, as well as mineral, vegetable, synthetic and animal oils & greases. This product will generate a minimum of foam when circulated in a closed loop, even at high temperature; it is great for parts and pressure washers. It is designed to be used on ferrous metals (steel, stainless steel & iron), nickel, painted surfaces, concrete, masonry, plastics (except acrylic) & glass. **G-MAX 306** is a concentrate that can be used pure for heavy duty work or diluted with water.

#### Typical applications

Cleaning with a pressure washer  
General cleaning  
Surface preparation:  
Degreasing  
Parts washer basin  
Heavy degreasing

#### Concentration of G-Max 306 in water

1:40 – 1:100  
1:20 – 1:40  
1:5 – 1:10  
1:3 – 1:5  
1:1 – 1:3  
Pure – 1:1

#### 2) ADVANTAGES

Based on an elaborate blend of surfactants, sodium hydroxide, solvents and chelating agents, **G-MAX 306** is corrosive with an alkaline pH, boosting its efficiency. It is best used for applications where contamination is severe (oil, grease, organic deposits).

#### Features and Benefits:

- Thoroughly cleans the toughest to remove contaminants;
- High efficiency;
- Water based;
- Biodegradable;
- Low VOC (lower than 4%);
- Excellent for ferrous metals;
- Can be diluted up to 1: 100;

### **3) PHYSICAL PROPERTIES**

Appearance.....	blue liquid
Odour .....	sweet – slight citrus smell
pH (Sol. 1%).....	10.5 – 11.5
Rinseability.....	excellent
Flash point.....	Not Applicable
Homogeneous solution .....	instantaneous
Specific gravity .....	1.00 – 1.15
Biodegradability.....	good

### **4) PROCEDURE**

*Note: For best results, when using G-MAX 306 on heavy contamination, follow these tips for best results:*

- *Mechanical agitation with a brush or rag will greatly improve the cleaning efficiency;*
  - *Use warm or hot water for better results;*
  - *A dwell time of 5 to 15 minutes will be beneficial for dry contaminants;*
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- Apply pure or diluted on the surface to be cleaned; (see recommended dilutions)
  - Let dwell between 0 to 5 minutes;
  - Use mechanical agitation (brush or rag) as required;
  - Rinse with water.

### **5) PERSONAL PROTECTION**

When using **G-MAX 306**, it is recommended to wear the following safety equipments:

- Safety glasses or goggles,
- Chemical resistant gloves.

### **6) STORAGE**

Store **G-MAX 306** at a controlled temperature of 0° C to 30° C (50° F to 104° F) in a plastic container. The product will 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 three (3) years.

### **7) PACKAGING**

**G-MAX 306** is available in following size containers:

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

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