



TECHNICAL BULLETIN

G-CLEAN 217Eff

POWERFUL OXIDATION, LIME AND SALTS REMOVER- CONCENTRATE

1) PRODUCT DESCRIPTION

G-CLEAN 217Eff is a very powerful water based acid cleaner mainly used to clean metal oxidation (including rust) and inorganic matter such as lime, calcium and salts (efflorescence). This product is also great at removing oil, grease and dirt. **G-CLEAN 217Eff** was designed for cleaning metallic surfaces: on non ferrous metals such as aluminium and copper, it will dissolve oxidation right on contact while on ferrous metals, such as stainless steel and steel, it will efficiently dissolve surface rust. It can be used on all types of metals, painted surfaces, concrete, masonry, glass and plastics (except acrylic). **G-CLEAN 217Eff** 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
Efflorescence removal (salts on concrete)
Parts washer basin
Dissolution of salts and calcium deposits
Dissolution of surface rust

Concentration of G-CLEAN 217EFF in water

1:40 – 1:200
1:20 – 1:40
1:5 – 1:10
1:1 – 1 :5
pure – 1 :4
pure – 1 :4

2) ADVANTAGES

Based on an elaborate blend of surfactants and inorganic acids, **G-CLEAN 217Eff** is corrosive (does not burn the skin), with an acid pH, boosting its efficiency. It is best used for applications where contamination is severe (oil, grease, inorganic deposits).

Features and Benefits:

- Excellent at dissolving metal oxidation
- High efficiency
- Water based
- Biodegradable
- Low VOC (lower than 5%)
- Excellent for all types of metals
- Can be diluted up to 1: 200

3) PHYSICAL PROPERTIES

Appearance.....	yellow liquid
Odour	slight, acidic
pH (Sol. 1%).....	2.0 – 3.0
Rinseability.....	excellent
Flash point.....	Not Applicable
Homogeneous solution	instantaneous
Specific gravity	1.05 – 1.20
Biodegradability.....	good

4) PROCEDURE

Note: For best results, when using G-CLEAN 217Eff 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*

- Wet the surface to be cleaned with water;
- Apply G-CLEAN 217Eff 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-CLEAN 217Eff**, it is recommended to wear the following safety equipments:

- Safety glasses or goggles,
- Chemical resistant gloves.

6) STORAGE

Store **G-CLEAN 217Eff** 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-CLEAN 217Eff is available in following size containers:

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

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