



GREENSOLV inc.

TECHNICAL BULLETIN

G-MAX 306M

ALKALINE DEGREASER FOR STEEL (low foam) - CONCENTRATE

1) PRODUCT DESCRIPTION

G-MAX 306M is a powerful water based alkaline degreaser designed to be used on ferrous metals: steel, cast iron, iron and stainless steel. It cleans the following contaminants: tough-to-remove stains, oil, grease, ink, carbon (from combustion and air contamination) and paint (when this product is used with little dilution).

This product has **low foaming properties and is designed to be used in a parts washer system** (closed loop with high temperature).

G-MAX 306M may corrode metals such as aluminum, tin, zinc and lead, always perform a test on these metals prior to using it. **G-MAX 306M** is a concentrate that can be used pure for heavy duty work or diluted with water.

Typical applications

Concentration of G-MAX 306M in water

General cleaning (without water rinse)	1:9 – 1:39	(2.5 to 10%)
General cleaning (with water rinse)	1:2 – 1:9	(10 to 33%)
Parts washer (close loop at high T°)	1:9 – 1:39	(2.5 à 10%)
Degreasing (with water rinse)	1:3 – 1:4	(20 to 25%)
Heavy duty degreasing (with water rinse)	Pure – 1:1	(50 to 100%)

2) ADVANTAGES

Based on an elaborate blend of surfactants, alkaline salts and chelating agents, **G-MAX 306M** 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 tough-to-remove contaminants;
- High efficiency;
- Water based and biodegradable;
- 0% VOC (Volatile Organic Compound);
- Excellent for ferrous metals;
- Can be diluted up to 1: 39;

3) PHYSICAL PROPERTIES

Appearance	blue liquid
Odour	light – soap
pH (Sol. 1%)	11.0 – 12.0
Flash point.....	None
VOC content.....	0 g/L
Specific gravity	1.10 – 1.20
Biodegradability	good

4) DIRECTIONS FOR USE

COVERAGE

Approximately 14 m² (150 ft²) per 3.78L (UNDILUTED).

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

- *Mechanical agitation with a brush or rag will greatly improve the cleaning efficiency;*
- *Use warm or hot water to dilute the product and to rinse the surface;*
- *Let the product work on the surface for an extended period of time (up to 30 minutes instead of 1 to 5);*

- Apply pure or diluted on the surface to be cleaned; (see recommended dilutions)
- Let work between 0 to 5 minutes;
- Scrub the surface with a brush, a rag or a pressure washer;
- Rinse with water until foam disappears (some applications might not require rinsing, see table section 1);

5) PERSONAL PROTECTION

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

AVOID CONTACT WITH EYES AND SKIN

- Safety glasses or goggles,
- Protective work clothing,
- Chemical resistant gloves.

6) STORAGE

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

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

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