



GREENSOLV inc.

TECHNICAL BULLETIN

G-CONTROL 405M

DEGREASER FOR STEEL & ALUMINUM (low foam) - CONCENTRATE

1) PRODUCT DESCRIPTION

G-CONTROL 405M is a very effective water based degreaser designed to help you clean all kinds of contaminants, such as: dirt, stain, oil, grease, carbon (from combustion and air contamination) and much more. This product has **low foaming properties and is designed to be used in a parts washer system** (closed loop with high temperature).

G-CONTROL 405M is designed to be used on all types of metals (including aluminum, zinc and tin), painted surfaces, concrete, masonry, all plastics & glass.

G-CONTROL 405M is a concentrate that can be used pure for heavy duty cleaning or diluted with water.

Typical applications

General cleaning (without water rinse)
General cleaning (with water rinse)
Parts washer (close loop at high T°)
Degreasing (with water rinse)
Heavy duty degreasing (with water rinse)

Concentration of G-CONTROL 405M in water

1:9 – 1:39	(2.5 to 10%)
1:2 – 1:9	(10 to 33%)
1:9 – 1:39	(2.5 à 10%)
1:3 – 1:4	(20 to 25%)
Pure – 1:1	(50 to 100%)

2) ADVANTAGES

Based on an elaborate blend of surfactants, alkaline salts and chelating agents, **G-CONTROL 405M** has an alkaline pH which greatly improves efficiency. **G-CONTROL 405M** is best used for applications where contamination is severe (oil, grease, organic deposits, carbon deposits).

Features and Benefits:

- Cleans tough stains;
- Highly effective;
- Water based and biodegradable;
- 0% VOC (Volatile Organic Compounds)
- Can be used on any metal surface;
- Can be diluted up to 1: 39;

3) PHYSICAL PROPERTIES

Appearance	yellow liquid
Odour	soap (surfactants)
pH (Sol. 1%)	10.0 – 11.0
Rinseability	excellent
Flash point (flammability)	None (Non flammable)
VOC content.....	0 g/L
Specific gravity	1.00 – 1.10
Biodegradability	good

4) DIRECTIONS FOR USE

COVERAGE

Approximately 14m² (150ft²) per 3.78L (WITHOUT DILUTION)

Note: For best results, when using G-CONTROL 405M on heavy contamination, follow these tips :

- *Once applied to the surface, scrub the contaminants with a brush or rag;*
 - *When diluting or rinsing, use warm or hot water;*
 - *Let the product work for an extended period of time (up to 30 minutes when contamination is severe);*
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- Apply pure or diluted on the surface to be cleaned (see recommended dilutions, page 1);
 - Let work for a period of 1 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-CONTROL 405M**, it is recommended to wear the following safety equipments:

- Safety glasses or goggles,
- Chemical resistant gloves.

6) STORAGE

Store **G-CONTROL 405M** 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-CONTROL 405M is available in following size containers:

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

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