

TECHNICAL DATA SHEET

G-MAX 328

POWERFUL ALKALINE CLEANER & DEGREASER – CONCENTRATE

For Food Plant Use

1) PRODUCT DESCRIPTION

G-MAX 328 is a powerful and biodegradable water based alkaline cleaner designed to remove many types of contaminants such as: dirt, stains, oil & grease, carbon (air contamination and combustion residue), ink, bacteria and many more.

This product is approved by CFIA (Canadian Food Inspection Agency) **FOR FOOD PLANT USE** as a non-food chemical. **G-MAX 328** can be used to clean food containers and mixing tanks.

G-MAX 328 can be used on ferrous metals (steel, stainless steel & iron), painted surfaces (diluted 1:3), concrete, plastics of any kind, masonry and wood. It will affect and tarnish aluminum and some other metals (always make a spot test before use).

G-MAX 328 is a concentrate that can be used pure for heavy duty work or diluted with water (see dilution table in p.3).

« Alkaline cleaners can clean particles and contaminants better than a solvent borne product. (University of Montreal & IRSST). »

2) ADVANTAGES

Based on an elaborate blend of surfactants, alkaline salts and chelating agents, **G-MAX 328** has a high pH which greatly boosts its efficiency. It is best used for applications where contamination is severe (oil, grease, organic and carbon deposits).

Features and Benefits:

- Thoroughly cleans the tough to remove contaminants
- High efficiency
- Water based;
- Biodegradable;
- 0% VOC (Volatile Organic Compound)
- Excellent for ferrous metals and concrete floors
- Can be diluted up to 1: 40
- **Approved by CFIA – Canadian Food Inspection Agency**

3) PHYSICAL PROPERTIES

Appearance	blue liquid
Odour	soap (surfactants)
pH (Sol. 1%)	11.5 – 12.5
Rinse ability	excellent
Flash point.....	Not Applicable
VOC Content	0 g/L
Specific gravity	1.10 – 1.15
Biodegradability	good

4) DIRECTIONS FOR USE

COVERAGE

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

Note: For best results, when using G-MAX 328 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, next page);
 - 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 next page);

APPLICATIONS AND RECOMMENDED DILUTIONS (dilution with water)

APPLICATIONS	SURFACES	CONCENTRATION	
		G-MAX 328 mixed with water	
		RATIO	%
General degreasing with a rag (without water rinse)	Metals, Plastics, Painted surfaces	1 :9	10%
General degreasing (with water rinse)	Metals, Plastics, Painted surfaces	1 :2 – 1 :9	10 to 33%
Floor cleaning (with water rinse)	Concrete (with or without paint)	1 :2 – 1 :9	10 to 33%
Floor cleaning with washing machine (zamboni type)	Concrete (with or without paint)	1 :9 – 1 :39	2.5 to 10%
Surface preparation for paint (with water rinse)	Metals, Plastics, Painted surfaces	1 :4 – 1 :9	10 to 20%
Weathered wood restoration (with water rinse)	Wood	1 :4	20%
Heavy duty degreasing (with water rinse)	Concrete, Steel, Stainless steel	Pure – 1 :2	33 to 100%

NOTES ON SURFACES

CONCRETE: MASONRY and STONES (granit, marble, paving stones, etc.) are included in this category.

METALS: G-Max 328 is perfectly compatible with all ferrous-metals (steel, stainless steel and cast iron); on the other hand, it will tarnish and pickle aluminum surfaces, zinc, tin and lead. This product can be used on those metals if adhesion promotion is required before applying a coating.

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SURFACES: When used at concentrations of 30% (1:2) or more, G-Max 328 can damage and strip some non-catalyzed coatings such as alkyds. Catalyzed coatings (epoxy, polyurethane, etc.) are not affected even when G-Max 328 is used pure.

5) PERSONAL PROTECTION

When using **G-MAX 328**, it is recommended to wear the following safety equipments:

- Safety glasses or goggles,
- Chemical resistant gloves.

6) STORAGE

Store **G-MAX 328** 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 328 is available in following size containers:

- Pail (18.9 Litres/ 5 Gallons)
- Drum (205 Litres / 55 Gallons)
- Tote (1000 Litres / 265 Gallons)

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