

# GREEN MONK CLEANING SOLUTIONS



## **GMCC - 100, CONCRETE CARNIVORE** (FOR INDUSTRIAL & COMMERCIAL USE ONLY)

### Technical Data Sheet

Green Monk Cleaning Solutions  
Assero Industrial Coatings  
Revision: July 21, 2017 (v2)



### 1. - PRODUCT DESCRIPTION & USE

**GMCC-100, Concrete Carnivore** is an Eco-Innovative, efflorescence, scale and concrete trace remover that is safe for users, substrates, and the environment. **Concrete Carnivore** is classified as non-hazardous, contains no harsh acids or caustics and is biodegradable.

This is a water-based eco-solution which is extremely effective for removing concrete trace from exterior and interior surfaces. It is safe to use on all brick, concrete, stone, and plaster, as well as most metals. It also has antibiofilm properties for the reduction and elimination of biofilm formation.

**Concrete Carnivore** can be applied quickly and efficiently over large surface areas and into tough to reach areas with its spray-on and foam-on capabilities. **Concrete Carnivore** is formulated to work anywhere from 1 - 12 hours, depending on the condition of the substrate.

**Concrete Carnivore** will remain wet and effective for an extensive period of time. Its "dwell time" varies depending on the severity of the trace and the surface temperature. For best results, **allow Concrete Carnivore to dwell/soak overnight or longer.**

### 2. - FEATURES & BENEFITS

**Safe:** It is formulated with friendly chemicals. Does not contain acids, caustics, or NMP and will not burn skin.

**Effective:** Removes trace concrete fast, and without the need of using strong or toxic acids.

**Environmentally Friendly:** Water-based, biodegradable, low VOCs, contains no TAPs or HAPs.

**Simple:** It is easy to apply, and easy to remove.

### 3. - LIMITATIONS

For the best removal results, surface temperature should range from a minimum of 15°C / 60°F to a maximum of 35°C / 95°F.

**Concrete Carnivore** can be applied at temperatures as low as 3°C / 37°F. However, efficiency and effectiveness will be reduced and dwell times will be increased.

### 4. - TESTING

Always prepare a small test area on each type of surface and coating prior to full application of **Concrete Carnivore**. Testing is the most effective method to be assured of product suitability and to achieve a successful removal project. This will also assist in determining approximate film thickness and an appropriate dwell time.

**Preparation:** Cover and protect areas that you do not want **Concrete Carnivore** to come into contact with.

Polyethylene plastic sheets and masking tape can create an effective protective barrier during the removal process.

Be sure to also protect nearby plants and vegetation (especially edibles) during a removal process.

### 5. - APPLICATION & SPREAD RATE

**For Surface Treatment:** Make certain the surface to be treated is dry, then use a brush, roller or airless sprayer to apply a WFT (wet film thickness) coat of approximately 1/16" / 1.5mm to 1/8" / 3.17mm (refer to testing results) of **Concrete Carnivore** according to the age and amount of trace concrete to be removed.

**Airless** spraying is the most cost effective method to apply **Concrete Carnivore**. Always start an application at the **lowest pressure** and slowly build up pressure until an **appropriate** fan pattern has been achieved. **Concrete Carnivore** can be applied using an HD airless paint spray unit with the ability to support a 0.021 spray tip.

Be sure to remove both the gun and manifold filters from the sprayer system before attempting to spray **Concrete Carnivore** as it may clog during the application process.

Based on your previous test results, more than one coat of **Concrete Carnivore** may be needed. **Apply a light coat first** and allow a dwell/soak time between 30 - 45 minutes.

After this dwell time has passed, apply a second coat to the desired thickness. **Note:** a second coat should not be needed for most applications.

**Immersion Treatment:** For product use after testing on a surface, place **Concrete Carnivore** into a tank, preferably with an ambient temperature above 15°C / 59°F. Otherwise, an alternative solution is to heat the product.





**Concrete Carnivore** is water-based and it is safe to slowly raise its temperature. Immerse material to be cleaned into a tank and leave until surface fouling begins to loosen. A minimal amount of scrubbing is all that will be needed. Always use PPE (Personal Protective Equipment) and ensure that any spilled product is thoroughly cleaned up.

**Concrete Carnivore** provides a coverage of 500 - 600 ft<sup>2</sup> (46 m<sup>2</sup> - 56 m<sup>2</sup>) per gallon. Results may vary depending on severity of the fouling to be removed.

**Removal:** Remove grease with a cloth, brush or power washer. Close attention should be paid to crevices, grooves and cracks.

**Clean Up:** Clean airless sprayer equipment by running clean tap water or soapy water through the equipment soon after application has been completed. Allow the surface to dry completely before applying other coatings.

### 6. - MAINTENANCE

No additional service is needed once the removal project is complete.

### 7. - HEALTH & SAFETY REQUIREMENTS

Not for internal consumption. While **Concrete Carnivore** is formulated to be safe for users and surfaces, as well as the environment, proper safety procedures should be followed at all times. Please refer to the SDS for important health and safety information and protocols before using **Concrete Carnivore**.

**Note** In case of contact with skin or eyes, wash well with clean tap water. If irritation continues, seek immediate medical attention. **Keep out of the reach of children.** its distributors and dealers.

### 8. - TECHNICAL SERVICES

The experienced and professional staff at **Assero Industrial Coatings** is available to answer technical questions and provide product-specific information required by architects, specifiers, contractors, and property owners.

### 9. - TECHNICAL DATA

FEATURE	DETAILS
Color	Clear - Transparent
Gloss	None
Vapour Pressure	As water
Immersion Corrosion	No Effect
Sandwich Corrosion	N/A
Hydrogen Embrittlement	N/A
Density	1.0
pH	1.0 - 5.0
Flash Point	100°C / 212°F
Sag	None
Viscosity	54g/L or 5% by WT

GMCC-100, **Concrete Carnivore** is manufactured in Canada for Assero by MTC Inc.



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### 10. - DISTRIBUTOR INFORMATION

**ASSERO INDUSTRIAL COATINGS**

Contact: 1.888.588.6986

[www.assero.co](http://www.assero.co)

