Carboclean Gel 100

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

Generic Type	Surface cleaner
Description	The product is a biologically degradable liquid without any hazardous substances. It is approved as a HOCNF Class Yellow product, and can be disposed to drains/sewage systems without containment. Active ingredients are citric acid, phosphoric acid, inhibitor and water. It has a light red colour, sour smell and a pH value of 1,1 til 1,7 with density 1.23 g/cm³.
Features	Carboclean Gel 100 is used to remove oxides (rust), chalk, magnetite, humus, salt, concrete, shell, algae and other deposits. Well-suited for treatment of ceilings, walls and other surfaces treatment of metals and plastic-/polyester products. The gel tixotropy gives the product time to work without sagging and drying out. Does not damage paints, plastics, metals, linings or packings.
Color	Light red
Physical Properties	pH: 1,1 – 1,7 Weight per litre: 1,23 kg Freezing point: - 4°C Storage temperature: - 4°C to 50°C Solubility in water: Fully soluble

MIXING & THINNING

Working Time	Time to work (at 20°C, 50% RH): Approx 2- 24 hours. Varies with temperature and film thickness.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

General	Professional use of the product requires training. A work procedure for professional users is available. PRETREATMENT: The surface shall be free of oil, fat etc.. Corroded areas with lumps of rust and similar should be picked, scraped or wire brushed to grade St. 2-3 according to standard ISO 8501 SIS 055900. The product should not be used on thermally sprayed and zinc galvanized surfaces. APPLICATION: Apply Carboclean Gel 100 evenly. Let it work for approx. 2- 24 hours. Varies with temperature. Then remove Carboclean Gel 100 using high-pressure warm water cleaning.
Airless Spray	Airless spray nozzles: 0,025” - 0,033”
Application Tool	Professionals use airless spray. Alternatively use brush or roller.

CLEANUP & SAFETY

Cleanup	Water

CLEANUP & SAFETY

Safety	RECOMMENDED PERSONAL PROTECTION EQUIPMENT: Please refer to detailed information in safety data sheet. Respiratory protection with rechangeable filters must be used in areas with inadequate ventilation. Use dust filter P3 (for fine dust). Wear chemical resistant gloves complying with EN 374 made of PVC, natural rubber or latex. Tightly fitting safety goggles or face shield. Face shield or full face respirator must be used when spraying and aerosols are formed. Fully covering, long sleeved protective clothing must be used.

PACKAGING, HANDLING & STORAGE

Storage	12 months at 23°C, longer at lower temperatures. If shelf life expires, an additive must be added to maintain the “gel” consistency. Please contact technical department for more information.
Packaging	5 litres, 25 litres, 1000 litres (IBC)

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