

ChemMasters

Installation Guidelines

1201 Citrus Cleaner Degreaser is a water based, biodegradable cleaner for concrete and masonry surfaces. It is specially formulated to breakdown and facilitate removal of hydrocarbons, oils and greases from porous surfaces.

1.0 General

1.1 Scope

This specification covers the performance characteristics and application procedures for a water based, biodegradable cleaner for concrete and masonry surfaces. It is specially formulated to breakdown and facilitate removal of hydrocarbons, oils and greases from porous surfaces.

1.2 Material Description

The material shall be a water based, biodegradable cleaner for concrete and masonry surfaces. It should dissolve heavy hydrocarbons such as motor oil and gear grease quickly, have a pleasant odor and be water based and nonpolluting for easy disposal.

1.3 Typical Applications

- A. Horizontal or vertical, interior or exterior concrete or masonry surfaces
- B. Removal of oil, grease, most solvent and water based adhesives
- C. General maintenance or cleaning prior to applying sealers
- D. Cleanup prior to acid etching or mechanical preparation methods for subsequent coating applications
- E. Garages, driveways, walkways, patios, vehicular repair facilities, machine shops
- F. Cleaning newly constructed structures prior to turning over to owner

1.4 Quality Assurance

The repair contractor shall have experience and proficiency specific to the repair type and shall be approved by the engineer and the material supplier. The material supplier shall provide job service as required to assure proper handling and installation of materials. The field representative shall instruct as needed to assure that handling, mixing, placing and finishing of materials are in accordance with specifications.

1.5 Delivery, Storage and Handling

The product shall be delivered in the original, unopened containers. It shall be labeled with the manufacturer's name, product name and lot number. Materials should be stored at the job site under dry conditions and at a temperature of 40° F., (4° C.) to 90° F. (32° C.).

1.6 Environmental Requirements

All materials used for the repair work shall be VOC compliant. The manufacturer shall supply the appropriate material safety data sheets upon request.

2.0 Materials

2.1 Approved Materials and Manufacturers

2.1.1 Product Standard

1201 Citrus Cleaner Degreaser, as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification and shall be the cleaner used. 1201 Citrus Cleaner Degreaser is a water based, biodegradable cleaner for concrete and masonry surfaces. It is specially formulated to breakdown and facilitate removal of hydrocarbons, oils and greases from porous surfaces.

2.1.2 Substitutions

No submittals for substitutions will be accepted after the bid date. All submittals must be made in writing to the engineer with supporting technical data sheets and test data showing complete equivalent performance.

2.2 Packaging/Estimating/Coverage

2.2.1 Packaging

1201 Citrus Cleaner Degreaser is packaged in 5 U.S. gallon/18.7 Liter pails, shipped 36 per pallet shrink wrapped.

2.2.2 Estimating Guide

For normal cleaning and degreasing, dilute 1201 by volume 8:1, 8 parts water to one part cleaner/degreaser. Use full strength for heavy build up of oil or grease.

2.3 Storage:

Store pails in cool, dry area away from sunlight and sources of heat. Shelf life is one year from date of manufacture.

2.4 Engineering Properties

2.4.1 Color: Colorless

2.4.2 Fragrance: Orange/Citrus

2.4.2 Appearance: Thin Clear Liquid

2.4.3 Viscosity: Water thin

2.4.4 Specific Gravity: 0.852

2.4.5 Oven Stability: Passes

2.4.6 Freeze/Thaw Stability: 3 cycles

2.5 Accessory Materials as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification.

3.0 Execution

3.1 References

A. Meets the requirements of the U.S.D.A. for use in federally inspected meat and poultry plants, classification C-1.

B. Refer to ChemMasters MSDS and Technical Data Sheets

3.2 Surface Preparation:

Vacuum or sweep surface to be cleaned to remove any loose dirt, dust or debris.

3.3 Normal Maintenance:

Dilute 1201 Citrus Cleaner De-greaser by volume 8:1 with 8 parts clean, potable water, 1 quart 1201 to 2 U.S. gallons of water/0.94L to 7.57L water.

3.4 Heavy Duty Degreasing: Pour 1201 full strength onto area to be cleaned.

Using a stiff bristle brush or broom, scrub 1201 into surface and allow to dwell for 5-10 minutes. Scrub and rinse with copious amounts of clean water to remove oils and grease from surface. A wet/dry vacuum may be used to pick up residue and cleaner.

3.5 Clean-up

Rinse tools and equipment with clean, potable water.