



C² Degrease™

Industrial-Strength Detergent for Concrete Floors

DESCRIPTION

An environmentally responsible alternative to industrial degreasing solvents, C² Degrease™ scours widespread oil and grease films, adhesive tape residues and rubber tire marks and scuffs from concrete floors.

C² Degrease™ cuts through greasy fuel and oil residues and atmospheric soiling without using the harsh acids, caustics and solvents common to many other industrial degreasers.

It's perfect for prepping greasy, grimy floors in warehouses, manufacturing plants, machine shops and other industrial sites for protective treatments and coatings that improve floors' appearance and performance, and extend service life.

Easy-to-use C² Degrease™ is compatible with all C² protective treatments, hardener-densifiers and tints.

BENEFITS

EFFICIENT

Quickly cuts and emulsifies all types of grease and oil.

POWERFUL

Removes many adhesives and paint residues.

COST EFFECTIVE

Concentrated for economy. Dilute with 4 to 200 parts water.

PLANET SAFE

Low-hazard. Low toxicity. Nonflammable and water soluble.

ECO-CONCIOUS

Contains readily biodegradable ingredients. Safer alternative to ketone, benzene, chlorinated, aromatic and other aggressive solvent cleaners. Contains no phosphates. Contains no chlorinated, fluorinated, aromatic or hydrocarbon solvents.

SIMPLE

Easy application with brush or low-pressure spray. Safe to be used in auto-scrubbers.

COMPLIANCE

Complies with all known national, state and district AIM VOC regulations: Safe for use in food and drug processing industries.

X	California Air Resources Board SCM Districts
X	South Coast Air Quality Management District
X	Maricopa County, Arizona
X	Northeast Ozone Transport Commission
X	US Environmental Protection Agency

Limitations

All information provided is to the best of our knowledge accurate and is to be used strictly as a guide. Handling conditions, installation and use are not in our control therefore we cannot guarantee the results.

Not for removing embedded oil and grease stains. Use C² Stain Clean™.

For additional testing information contact Crete Colors International at: support@cretecolors.com

Technical Data

FORM	Clear amber liquid, mild solvent odor
SPECIFIC GRAVITY	1.02
ACTIVE CONTENT	NA
TOTAL SOLIDS	NA
pH	10.5 - 11.5 (concentrate)
WT/GAL	8.46 lbs
FLASH POINT	>100°C (212°F)
FREEZE POINT	-7°C (19°F)
VOC CONTENT	< 2% at 1:4 dilution
SHELF LIFE	3 years in unopened, factory sealed container

SURFACE PREPARATION

Please read: SAFETY INFORMATION on the label and SURFACE PREPARATION before use and application.

Surface

Protect people, vehicles, property, and nearby surfaces not to be treated from contact with the product or overspray. Use polyethylene or other proven protective material.

Air and Surface Temperature

For best results maintain consistent airflow and surface temperature during application.

Air and surface temperature should be 10°C or above. If floors have been exposed to freezing temperatures before cleaning, let the concrete thaw.



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Equipment

Apply diluted C² Degrease™ with low-pressure sprayer, densely filled cleaning brush or mop.

C² Degrease™ can also be used in automatic scrubbing machines and pressure-washers.

Pressure-washing at 2.75–6.90 MPa with a water flow-rate of 23–30 liters per minute is the best pressure/water combination for rinsing porous concrete. Use a 15–45° fan spray tip. Heated water (65–82°C; 150–180°F) may improve cleaning efficiency.

SOLUTIONS

Remove all curing compounds and other surface contaminants using the appropriate C² surface preparation cleaner, as listed below:

C² Wash™ – Concrete laitance and construction soiling from freshly placed and cured concrete

C² Maintenance™ – General soiling and fine dust from ground/polished concrete

C² Remove™ – Curing compounds, mastics, tire marks, wax remover

C² Stain Clean™ – Oil and grease stain remover

C² Clean™ – For cleaning and degreasing lightly soiled concrete

C² Degrease™ – For cleaning and degreasing heavy soiled concrete

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured under contract for Crete Colors International and should not be viewed as a complete source of information about the product(s).

The Architect should also refer to the MSDS document for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

- Test a minimum 1.5m x 1.5m (5ft. x 5ft.) area on each type of masonry.
- Use Crete Colors application instructions.
- Let the test panel dry 3 to 7 days before inspection.
- Keep test panels available for comparison throughout the project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufactured under contract for:

Crete Colors International, LLC,
112 South Kyrene Rd. Suite #2
Chandler, AZ 85226, USA.

Tel: +1-480-426-0424

Fax: +1-480-499-5550

E-mail: support@cretecolors.com

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

STORAGE AND HANDLING

Store in a cool, dry place with adequate ventilation. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 7–38°C (45–100°F). Do not double-stack pallets. Dispose of unused product in accordance with local, state and federal regulations.

PACKAGING

3.5L, 20L and 200L Containers

ALWAYS TEST

each surface for suitability and desired results before application. For best results follow “Application Instructions”. Let surface dry thoroughly before inspection and final approval.

APPLICATION INSTRUCTIONS

Please read “Safety Information” on the label and “Surface Preparation” before use and application.

COVERAGE RATES

- 1 L of concentrate will clean about 5 m² (must dilute, see dilution specs below)



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- 3.50 L of concentrate will clean about 17.5 m² (must dilute, see dilution specs below)

Dilution

Do not alter product except as specified. C² Degrease™ should be diluted with hot or cold water for all applications. Use soft water to improve performance at high dilution rates. Minimum recommended dilution is one part concentrate to four parts water.

Uses and recommended dilutions.
Always test for highest possible dilution that gives effective results.

- Heavy oil & grease removal: 1 part concentrate : 4 parts fresh water
- Light oil & grease films: 1 part concentrate : up to 50 parts fresh water
- Adhesive tape residues: 1 part concentrate : up to 19 parts fresh water
- Paint and sealer residues: 1 part concentrate : up to 9 parts fresh water
- Daily maintenance cleaning: 1 part concentrate : 100–200 parts fresh water
- In high pressure washers: 1 part concentrate : minimum 50 parts fresh water
- In auto-scrubbers: 1 part concentrate : minimum 50 parts fresh water

At dilutions lower than 1:4, C² Degrease™ may dull painted concrete floors and polished finishes and create a detergent film.

Hot water (up to 60°C; 140°F) improves results on some

applications and may allow further dilution.

Application

1. Remove loose debris and heavy buildups.
2. Apply diluted C² Degrease™ liberally. If spraying, do not atomize.
3. Let solution dwell 1–3 minutes.
4. Reapply and scrub vigorously.
5. Do not let C² Degrease™ dry.
6. Water rinse thoroughly to remove all residues. Pressure rinsing and or auto-scrubbing will improve cleaning efficiency.

CLEANUP

Clean tools and equipment with fresh water. Immediately wash with water over sprayed glass, aluminum, or other surfaces.

BIODEGRADABILITY

Contains CleanGredients® listed surfactants and solvents. Rinse water generated during this use of this product is expected to be readily biodegradable in typical environmental settings. Always follow local discharge regulations and best practices.

MAINTENANCE

Remove surface dust and debris daily by sweeping the floor with a microfiber pad or dry dust mop.

Many common maintenance procedures have the potential to chemically etch or mechanically abrade finished concrete floors. To avoid such damage, make certain that maintenance cleaners, cleaning pads or brushes are available expressly for use on finished concrete flooring.

Though C² Seal™ is a durable protective coating, improper maintenance or neglect may result in a dull appearance.

If this occurs, clean the floor thoroughly using C² Maintenance™. Once dry, burnish. If burnishing does not restore the floor's luster, spray-apply a light, mist-like "spiff" coat of C² Seal™ and spread evenly with a microfiber pad. Burnish immediately.

Though C² Seal™ improves the resistance of concrete floors to staining, acids and certain foods may etch and stain. Clean all spills as quickly as possible.

Use C² Maintenance™ for daily cleaning. C² Maintenance™ contains lithium-silicate to improve surface density and preserve the surface sheen on C² floors.



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RECOMMENDATIONS

The C² recommendations for product application must be followed.

Always use the highest possible dilution that gives effective results.

Apply the cleaner “dry” without pre-wetting the floor

Thorough rinsing of the cleaned surface at low pressure is crucial for best results. 23 to 30 liters per minute is ideal. Never exceed 6.90 MPa during the rinse.

To remove deeply embedded oil and grease stains, test C² Stain Clean™. Ensure the cleaned floor stays clean by applying the appropriate C² protective treatments and conducting regularly scheduled maintenance cleaning.

SAFETY INFORMATION

Your safety is our priority. Crete Colors International, LLC is a member of INFOTRAC'S MSDS Partnership Program.

In case of any chemical emergency related to our C² products; spill, leak, fire or accident please contact INFOTRAC free of charge for immediate first aid information.

Online access 24/7 at:
www.infotrac.net

Phone access 24/7 at:
+1- 352-323-3500

FIRST AID

Ingestion:

Drink large quantities of water or milk. DO NOT induce vomiting. Seek medical attention immediately.

Eye Contact:

Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention immediately.

Skin Contact:

Wash contacted area with soap and water. DO NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention.

Inhalation:

Remove affected person to fresh air. Wash mouth and nasal passages with water repeatedly. If breathing difficulties persist, seek medical attention.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, and anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

Crete Colors International warrants this product to be free from defects. Where permitted by law, Crete Colors International makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.

Crete Colors liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product have been applied.

Acceptance and use of this product absolves Crete Colors from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability.

This warranty may not be modified or extended by representatives of Crete Colors International, its distributors or dealers.

CUSTOMER SERVICE:

For technical assistance and product information visit our web site at www.cretecolors.com or email at support@cretecolors.com

