

CRETE-DISSOLVE - Heavy-Duty Concrete Dissolver

PRODUCT #: KCP-9075

WHAT IS CRETE-DISSOLVE?

CRETE-DISSOLVE is the Ready Mix industry's original heavy-duty concrete dissolver. **CRETE-DISSOLVE** is a liquid compound specifically formulated to remove built-up concrete from equipment associated with the Ready Mix industry. **CRETE-DISSOLVE** attacks concrete at the molecular level and returns it to mud without the use of harsh acids. **CRETE-DISSOLVE** does not contain any Muriatic Acid, Hydrochloric Acid, Sulphuric Acid, or Hydrofluoric Acid. **CRETE-DISSOLVE**'s active ingredient occurs naturally and is most often found in sugar cane syrup. **CRETE-DISSOLVE** is 100% Biodegradable, Non-Corrosive, Non-Regulated, and a Non-Skin Irritant.

MANUFACTURING AND DISTRIBUTION OF CRETE-DISSOLVE

Manufactured solely by KCP Industries, **CRETE-DISSOLVE** has long been the standard in the industry for heavy-duty concrete removal. **CRETE-DISSOLVE** can be delivered from one of our many distribution centers across the nation, which will save you both shipping time and shipping dollars.

CRETE-DISSOLVE USE

CRETE-DISSOLVE can be used as a heavy-duty concrete dissolver without any neutralization. **CRETE-DISSOLVE** can be used to remove heavy build-up of concrete in twenty minutes or less. The action of **CRETE-DISSOLVE** not only removes concrete but also removes old rust and oxides during the cleaning process. Use on problem areas such as hopper areas, back rings, chutes, and pedestals. **CRETE-DISSOLVE** is so safe, it can be used on any surface, including glass, aluminum, chrome, rubber, plastic, or paint.

Start refurbishing your trucks and equipment with **CRETE-DISSOLVE** today and enjoy the benefits of using the industry's original, heavy duty molecular concrete dissolver. Your customers, your equipment, and your employees will thank you!

PRODUCT HIGHLIGHTS:

- Made from up to 25% Recycled Materials
- OSHA Compliant
- DOT Classification: Not Regulated
- Dissolves Rust and Oxides
- Dissolves Concrete Quickly and Efficiently
- Removes Grease and Grime
- Conditions Metal Surfaces
- Non-Fuming
- Safe on All Surfaces
- Safe on Skin
- Up to 20 times more effective than other industry products when dissolving Calcium Carbonate

TRANSPORT INFORMATION:

Proper Shipping Name -
Non-Hazardous for Transport by Truck
DOT Hazard Class - Not Regulated
Packing Group - Not Regulated
ID# - None

PowerKleen
Quality Chemicals • Superior Service

AVAILABLE IN:

1 Gal Jug, 5 Gal Bucket, 55 Gal Drum,
275 Gal Tote, 300 Gal Leg Tank
or delivered via Tanker Truck



GUARANTEE:

KCP Industries' manufacturing and laboratory controls ensure uniform quality throughout our product line. All KCP Industries manufactured products are guaranteed for 1 year when used as directed.



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PRODUCT STUDIES

Metal Studies

Department of Transportation (DOT) Shipping Test Protocols as per Section 173.154 Exceptions for Class 8 (corrosive materials): A liquid is considered to be corrosive if its corrosion rate exceeds 6.25 mmpy on Steel (SAE 1020 carbon steel) at a test temperature of 55° C. *Results of Crete-Dissolve Testing:* SAE 1020 carbon steel = 0.64 mmpy

Conclusion: Crete-Dissolve was proven to be a Non-Regulated material with regards to shipping over the road.

Toxicity Studies

Test Procedure OECD 202, 48hour *Results of Crete-Dissolve Testing:* LC 50 and LD 50 (rat oral) scores found RMWW to be Non-Toxic.

Dermal Irritation Study

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals, Sec. 404, Paris 1981 (revised 1992). This study complies with the requirements of OECD Principles of GLP, Annex, Paris, 1981, revised as of July 1992.

Results of Crete-Dissolve Testing: Right Off received a Primary Irritation Score of 2.1 ± 0.9 and is classified as a Non-Skin Irritant.

Mutagenicity Studies

Tested by the Ames Assay (OCED Guidelines for Testing of Chemicals, Sec. 471).

Results of Crete-Dissolve Testing: Crete-Dissolve was found NOT TO BE MUTAGENIC.

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

Results of Crete-Dissolve Testing:

Crete-Dissolve was found to be 100% Biodegradable.

CLASSIFICATIONS & APPROVALS

NON-Regulated

DOT, TDG, IMO, IATA, IMDG, SARA 313 311-312, California Prop 65

RESEARCH & DEVELOPMENT

KCP Industries maintains a fully equipped laboratory and a chemist on hand at all times. We not only maintain the superior level of quality set for our products but continually strive to develop cleaning solutions for the future.

PRODUCT QUALITY

All Power Kleen products are unconditionally guaranteed. Power Kleen's commitment to product quality is unsurpassed. Crete-Dissolve is strictly monitored by KCP Industries and each batch of Crete-Dissolve produced is checked for quality before packaging. Random samples are also taken from the field every month and are tested again for consistency. Product samples from the field are carefully checked for quality, contamination, and tampering.



TECHNICAL DATA

Phosphoric Acid:	None
Muriatic Acid:	None
Hydrochloric Acid:	None
Sulfuric Acid:	None
Hydrofluoric Acid:	None
Nitrate Level:	None
Rinse Additives:	Positive
Detergent Package:	Positive
Surfactant Package:	Positive
Solvent Package:	Positive
Emulsifiers:	Positive
Shipper Regulations:	None
Weight:	9.17
Odor:	Mild Characteristic
Color:	Clear Amber
Viscosity:	10 CPS
Flash Point:	None
Freezing:	32° F
Stability:	18 mths
Carcinogens:	None
Toxicity:	Non-Toxic
Biodegradable:	100%
Solubility:	100%
Volatility:	None

DISSOLVING PROPERTIES

Calcium Oxide Dissolving Properties with 3 Minute Exposure:

Crete-Dissolve	12.4
Phosphoric Acid	0.9
Citric	0.0
Lactic	0.2
Acetic	0.1
Glycolic	0.2
Oxalic	0.0
Malic	0.4

Test Conditions: 200 Grams of 5% active solution, 1 Calcium Oxide Cube, 3 Minutes @ 70° F



CRETE-DISSOLVE - HB

Application Procedure

CRETE-DISSOLVE is best applied when surface area, including hardened concrete is dry. If applying on a concrete surface, soak pad with water prior to applying **CRETE-DISSOLVE** this will help prevent surface from etching.

1. Saturate area of hardened concrete with **CRETE-DISSOLVE** via hand foam unit (LAF-3-Gal) or wall foam machine (FI-WALL-AP).
Alternatively, **CRETE-DISSOLVE** can be applied with a brush and bucket.
Apply, let stand a few minutes and then reapply **CRETE-DISSOLVE** to area been cleaned.
2. Allow 5 – 15 minutes for **CRETE-DISSOLVE** to penetrate and start to lift concrete from surface. *MORE TIME MAY BE REQUIRED DEPENDING ON BUILD-UP AND AIR TEMPERATURE.*
CRETE-DISSOLVE will turn white on contact and turn grey as it works its way into the concrete. **CRETE-DISSOLVE** will start to re-hydrate the concrete breaking it down, and pushing the concrete from the surface. Brushing is not necessary on concrete build-up, but can be useful on all areas including: vertical surfaces, drum, fenders, wheels and cab. This will help to remove road grime, lime scale, grease and cement dust that has built up over time.
3. Once you are satisfied with your progress, **pressure wash off** to spread the brighteners and protectants, as well as to give your equipment a lasting shine.
4. If necessary, **CRETE-DISSOLVE** can be left on heavy concrete build-up overnight, especially around the rear of the truck including the ring, hopper, and chute assembly areas where thick build up occurs.

For heavy build up, repeat steps 1 through 3, if necessary.

NEVER apply **CRETE-DISSOLVE** to a **SUN BAKED** surface. Scorching may occur!

For daily wash usage **CRETE-DISSOLVE** can be diluted up to 1:1 for removal of moderate build-up to 15:1 for daily cleaning using a bucket and brush to clean cab and other areas not affected with heavy buildup This helps eliminate product waste and make cleaning your fleet very economical.

ALWAYS USE EYE AND HAND PROTECTION WHEN HANDLING ANY TYPE OF CHEMICAL