

# SANDSTORM - Heavy-Duty Concrete Dissolver

PRODUCT #: PK-9075

## WHAT IS SANDSTORM?

**SANDSTORM** is the Ready Mix industry's original heavy-duty concrete dissolver. **SANDSTORM** is a liquid compound specifically formulated to remove built-up concrete from equipment associated with the Ready Mix industry.

**SANDSTORM** attacks concrete at the molecular level and returns it to mud without the use of harsh acids. **SANDSTORM** does not contain any Muriatic Acid, Hydrochloric Acid, Sulphuric Acid, or Hydrofluoric Acid. **SANDSTORM**'s active ingredient occurs naturally and is most often found in sugar cane syrup. **SANDSTORM** is 100% Biodegradable, Non-Corrosive, Non-Regulated, and a Non-Skin Irritant.

## MANUFACTURING AND DISTRIBUTION OF SANDSTORM

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

## SANDSTORM USE

**SANDSTORM** can be used as a heavy-duty concrete dissolver without any neutralization. **SANDSTORM** can be used to remove heavy build-up of concrete in twenty minutes or less. The action of **SANDSTORM** 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. **SANDSTORM** 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 **SANDSTORM** 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:

Jamson Labs' / Power Kleen's manufacturing and laboratory controls ensure uniform quality throughout our product line. All Jamson Labs / Power Kleen 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 Sandstorm Testing:* SAE 1020 carbon steel = 0.64 mmpy *Conclusion:* Sandstorm was proven to be a Non-Regulated material with regards to shipping over the road.

### Toxicity Studies

Test Procedure OECD 202, 48hour *Results of Sandstorm 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 Sandstorm Testing:* Sandstorm 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 Sandstorm Testing:* Sandstorm 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 Sandstorm Testing:* Sandstorm was found to be 100% Biodegradable.

## CLASSIFICATIONS & APPROVALS

### NON-Regulated

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

## RESEARCH & DEVELOPMENT

Power Kleen Corporation 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. Sandstorm is strictly monitored by Power Kleen Corporation and each batch of Sandstorm 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:

Sandstorm	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