#### TECHNICAL DATA

## RIGHT OFF - Concrete Truck Wash



**PRODUCT #: PK-9040** 

#### WHAT IS RIGHT OFF?

**RIGHT OFF**'s "original" formula was designed to meet the heavy-duty cleaning requirements of the Ready Mix industry without the heavy-duty corrosive effects of harsher cleaning acids. As a phosphoric acid-based cleaner, **RIGHT OFF** does not contain any muriatic acid, hydrochloric acid, salts, or chlorides, and it is 100% Biodegradable, Non-Corrosive, Non-Regulated, and a Non-Skin Irritant.

#### MANUFACTURING AND DISTRIBUTION OF RIGHT OFF

**RIGHT OFF** is an "engineered" phosphoric acid-based cleaner specifically formulated to maintain an increased acidity, which is unmatched by other products still being used in the industry today. This technological breakthrough allows **RIGHT OFF** to remove concrete faster, more effectively, and at higher dilutions.

#### **RIGHT OFF USE**

**RIGHT OFF** can be used as a daily truck wash to remove built-up concrete without any neutralization. Using **RIGHT OFF** as a daily wash will eliminate all rusting issues on your equipment. The phosphoric action removes old rust and oxides, and conditions the metal so that no new rust is created during the cleaning process. **RIGHT OFF** doubles as an excellent grease and road film remover. Plus, **RIGHT OFF** is so safe, it can be used on any surface, including glass, aluminum, chrome, rubber, plastic, or paint. **RIGHT OFF** also includes detergents for degreasing, corrosion inhibitors, optical brighteners, foaming agents, and water softeners.

Start washing your equipment with RIGHT OFF today and enjoy the benefits of using an originally formulated, highly effective, and safe concrete remover. Your customers, your equipment, and your employees will thank you!

#### **PRODUCT HIGHLIGHTS:**

- Made from up to 85% Recycled Materials
- Highly Dilutable
- OSHA Compliant
- DOT Classification: Not Regulated
- Conditions Metal Surfaces
- Removes Rust and Oxides
- Removes Concrete Quickly and Efficiently
- Removes Grease and Grime
- Non-Fuming
- Safe on All Surfaces
- · Safe on Skin
- Up to 10 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

#### **GUARANTEE:**

manufactured products are guaranteed for 1 year when used as directed.

#### Distributed by:

# Inter Chem

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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 Right Off Testing: SAE 1020 carbon steel = 0.64 mmpy Conclusion: Right Off was proven to be a Non-Regulated material with regards to shipping over the road.

#### **Toxicity Studies**

Test Procedure OECD 202, 48hour Results of Right Off 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 Right Off Testing: Right Off received a Primary Irritation Score of  $2.1 \pm 0.9$  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 Right Off Testing: Right Off was found

NOT TO BE MUTAGENIC.

#### Biodegradation & Aquatic Safety

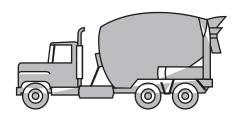
Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

Results of Right Off Testing: Right Off was found to be 100% Biodegradable.

#### **CLASSIFICATIONS & APPROVALS**

#### **NON-Regulated**

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



#### TECHNICAL DATA

Phosphoric Acid: Positive 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

Phosphatizing Accelerator:

Accelerator: Positive Shipper Regulations: None Weight: 10.4

Odor: Mild Characteristic

Color: Amber Viscosity: 66 CPS Flash Point: None -76° F Freezing: Stability: 18 mths Carcinogens: None Toxicity: Non Toxic Biodegradable: 100% Solubility: 100% Volatility: None

#### **DISSOLVING PROPERTIES**

Calcium Oxide Dissolving Properties with 3 Minute Exposure:

Right Off	8.9
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

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