



Material Safety Data Sheet

Section 1: Product & Company Identification

Product Name: SmartWasher® Premium Grade Filter

Product Number (s): 14147

Manufactured By:

CRC Industries, Inc.
885 Louis Drive
Warminster, PA 18974
www.crcindustries.com

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

Section 2: Hazards Identification

Emergency Overview

Appearance & Odor: Solid filter with granular powder; buff to brown color in the middle; no odor

As defined by OSHA's Hazard Communication Standard, this product is not hazardous.

Potential Health Effects:

EYE: No hazardous effects expected.

SKIN: No hazardous effects expected.

INHALATION: No hazardous effects expected.

INGESTION: Do not ingest.

CHRONIC EFFECTS: None known

TARGET ORGANS: None known

Medical Conditions Aggravated by Exposure: None known

See Section 11 for toxicology and carcinogenicity information on product ingredients.

Section 3: Composition/Information on Ingredients

COMPONENT	CAS NUMBER	% by Wt.
Non-hazardous hydrocarbon degrader mixed with bacterial cultures in a vegetable base	NA	100

Section 4: First Aid Measures

Eye Contact: It is unlikely that emergency treatment will be required. If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Seek medical attention if necessary.

Skin Contact: It is unlikely that emergency treatment will be required. If adverse effects occur, rinse affected area with large amounts of water until no evidence of chemical remains. Seek medical attention if necessary.

Inhalation: It is unlikely that emergency treatment will be required. If adverse effects occur, remove to fresh air and observe. Seek medical attention if necessary.

Ingestion: Do not ingest.

Note to Physicians: None

Section 5: Fire-Fighting Measures

Flammable Properties: As defined by OSHA, this product is nonflammable.

Flash Point:	None	Upper Explosive Limit:	None
Autoignition Temperature:	ND	Lower Explosive Limit:	None

Suitable Extinguishing Media: As appropriate for surrounding fire.

Products of Combustion: ND

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed areas cool and to knock down vapors which may result from product decomposition.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: If powder is released, sweep up and collect in an appropriate waste container.

Section 7: Handling and Storage

Handling Procedures: Users should wear gloves when changing out filters.

Storage Procedures: Store in a cool dry area out of direct sunlight.

Aerosol Storage Level: NA

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Nonhazardous hydrocarbon degrader mixed with bacterial cultures in a vegetable base	NE	NE	NE	NE	NE		
N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated							

Engineering Controls: Area should have ventilation to provide fresh air.

Respiratory Protection: None required for normal work where adequate ventilation is provided.

Eye/face Protection: Safety glasses are recommended when changing out filters.

Skin Protection: Use protective gloves such as rubber, nitrile or neoprene when changing out filters.

Section 9: Physical and Chemical Properties

Physical State: Solid

Color: buff to brown color

Odor: None

Specific Gravity: 0.5 – 0.7

Initial Boiling Point: NA

Freezing Point: NA

Vapor Pressure: NA

Vapor Density: NA (air = 1)

Evaporation Rate: NA (ether = 1)

Solubility: forms slurry

pH: NA

Volatile Organic Compounds: wt %: 0 g/L: 0 lbs./gal: 0

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Avoid exposure to moisture. Do not wet until ready to use.

Incompatible Materials: Water should be avoided until filter is installed.

Hazardous Decomposition Products: None

Possibility of Hazardous Reactions: No

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

ACUTE EFFECTS

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
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No information available

CHRONIC EFFECTS

Carcinogenicity:

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

Mutagenicity: None known

Other: None

Section 12: Ecological Information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity:	No information available.
Persistence / Degradability:	This material is biodegradable.
Bioaccumulation / Accumulation:	No information available.
Mobility in Environment:	No information available.

Section 13: Disposal Considerations

Disposal: Product as packaged is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33)
If potential hazardous wastes are introduced into the parts washer system (such as certain heavy metals), the filter should be tested for hazardous characteristics before disposal.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

Section 14: Transport Information

Proper shipping description:

US DOT (ground): Not Regulated

Special Provisions: None

Section 15: Regulatory Information

U.S. Federal

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:

Fire Hazard	No
Reactive Hazard	No
Release of Pressure	No
Acute Health Hazard	No
Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: NONE

State Right to Know:

New Jersey: None
Pennsylvania: None
Massachusetts: None
Rhode Island : None

Additional Regulatory Information: None

Section 16: Other Information

NFPA: Health: 0 Flammability: 0 Reactivity: 0
HMIS: Health: 0 Flammability: 0 Reactivity: 0 PPE: A

Prepared By: Michelle Rudnick
CRC #: 14147
Revision Date: 10/19/2007

Changes since last revision: MSDS reformatted in accordance with ANSI Z400.1-2004

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS: Chemical Abstract Service NA: Not Applicable
ppm: Parts per Million ND: Not Determined
TCC: Tag Closed Cup NE: Not Established
PMCC: Pinsky-Martens Closed Cup g/L: grams per Liter
PPE: Personal Protection Equipment lbs./gal: pounds per gallon
TWA: Time Weighted Average STEL: Short Term Exposure Limit
OSHA: Occupational Safety and Health Administration
ACGIH American Conference of Governmental Industrial Hygienists
NIOSH National Institute of Occupational Safety & Health