



# MATERIAL SAFETY DATA SHEET

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## Section 1: Product & Company Identification

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**Product Name:** SmartWasher® Premium Grade Filter

**Product Number (s):** 14147

**Product Use:** filter for parts washer machine

**Manufacturer / Supplier Contact Information:**

In United States:

CRC Industries, Inc.

885 Louis Drive

Warminster, PA 18974

[www.crcindustries.com](http://www.crcindustries.com)

1-215-674-4300(General)

(800) 521-3168 (Technical)

(800) 272-4620 (Customer Service)

In Canada:

CRC Canada Co.

2-1246 Lorimar Drive

Mississauga, Ontario L5S 1R2

[www.crc-canada.ca](http://www.crc-canada.ca)

1-905-670-2291

In Mexico:

CRC Industries Mexico

Av. Benito Juárez 4055 G

Colonia Orquídea

San Luís Potosí, SLP CP 78394

[www.crc-mexico.com](http://www.crc-mexico.com)

52-444-824-1666

24-Hr Emergency – CHEMTREC: (800) 424-9300 or (703) 527-3887

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## Section 2: Hazards Identification

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Emergency Overview

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

**Potential Health Effects:**

ACUTE 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.

**Product Name: SmartWasher® Premium Grade Filter**  
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### **Section 3: Composition/Information on Ingredients**

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

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### **Section 4: First Aid Measures**

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**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

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### **Section 5: Fire-Fighting Measures**

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**Flammable Properties:** As defined by OSHA, this product is non-flammable.

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

**Fire and Explosion Data:**

**Suitable Extinguishing Media:** As appropriate for surrounding fire.

**Products of Combustion:** Unknown

**Explosion Hazards:** Not applicable

**Protection of Fire-Fighters:** Firefighters should wear appropriate gear for combatting surrounding fire.

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### **Section 6: Accidental Release Measures**

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**Personal Precautions:** Use personal protection recommended in Section 8.

**Environmental Precautions:** Take precautions to prevent contamination of ground and surface waters. Properly dispose of this item when ready to discard.

**Methods for Containment & Clean-up:** Used filters should be properly disposed. See section 13.

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### **Section 7: Handling and Storage**

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**Handling Procedures:** Users should wear gloves when changing out filters. For product use instructions, please see the product label.

**Product Name: SmartWasher® Premium Grade Filter**  
**Product Number (s): 14147**

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

Aerosol Storage Level: NA

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## Section 8: Exposure Controls/Personal Protection

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**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							

**Controls and Protection:**

Engineering Controls: Area should have ventilation to provide fresh air. If working in a confined space, follow applicable OSHA regulations.

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

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

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

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## Section 9: Physical and Chemical Properties

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Physical State: solid

Color: buff to brown

Odor: None

Odor Threshold: NA

Specific Gravity: 0.5 - 0.7

Initial Boiling Point: NA

Freezing Point: NA

Vapor Pressure: NA

Vapor Density: NA (air = 1)

Evaporation Rate: NA

Solubility: forms slurry

Coefficient of water/oil distribution: NA

pH: NA

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

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## Section 10: Stability and Reactivity

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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**

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

### **Acute Toxicity:**

<u>Component</u>	<u>Oral LD50 (rat)</u>	<u>Dermal LD50 (rabbit)</u>	<u>Inhalation LC50 (rat)</u>
Nonhazardous hydrocarbon degrader mixed with bacterial cultures in a vegetable base	No data	No data	No data

### **Chronic Toxicity:**

<u>Component</u>	<u>OSHA Carcinogen</u>	<u>IARC Carcinogen</u>	<u>NTP Carcinogen</u>	<u>Irritant</u>	<u>Sensitizer</u>
Nonhazardous hydrocarbon degrader mixed with bacterial cultures in a vegetable base	No	No	No	Unknown	Unknown

<u>Reproductive Toxicity:</u>	No information available
<u>Teratogenicity:</u>	No information available
<u>Mutagenicity:</u>	No information available
<u>Synergistic Effects:</u>	No information available

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## **Section 12: Ecological Information**

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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

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## **Section 13: Disposal Considerations**

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**Waste Classification:** This product 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 toxic liquids or certain heavy metals), the filter should be tested for hazardous characteristics before disposal.

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

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## **Section 14: Transport Information**

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US DOT (ground):	Not regulated
ICAO/IATA (air):	Not regulated

**Product Name: SmartWasher® Premium Grade Filter**  
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IMO/IMDG (water): Not regulated

Special Provisions: None

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## **Section 15: Regulatory Information**

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### **U.S. Federal Regulations:**

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

Occupational Safety and Health Administration:

This product is regulated by the Hazard Communications Standard.

### **U.S. 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

Consumer Products VOC Regulations: This product is not regulated.

State Right to Know:

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

### **Canadian Regulations:**

Controlled Products Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulation and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Hazard Class: Not regulated

**Product Name: SmartWasher® Premium Grade Filter**  
**Product Number (s): 14147**

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Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

**European Union Regulations:**

RoHS Compliance: This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

**Additional Regulatory Information:** None

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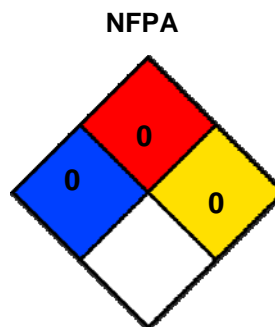
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**Section 16: Other Information**

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HMIS® (II)	
Health:	0
Flammability:	0
Reactivity:	0
PPE:	A



Ratings range from 0 (no hazard) to 4 (severe hazard)

Prepared By: Michelle Rudnick  
CRC #: 14147  
Revision Date: 06/02/2015

Changes since last revision: Revision date

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. For further clarification of any information contained on this MSDS consult your supervisor, a health & safety professional, or CRC Industries.

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstract Service  
CFR: Code of Federal Regulations  
DOT: Department of Transportation  
DSL: Domestic Substance List  
g/L: grams per Liter  
HMIS: Hazardous Materials Identification System  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Dangerous Goods  
IMO: International Maritime Organization  
lbs./gal: pounds per gallon  
LC: Lethal Concentration  
LD: Lethal Dose

NA: Not Applicable  
ND: Not Determined  
NIOSH: National Institute of Occupational Safety & Health  
NFPA: National Fire Protection Association  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PMCC: Pensky-Martens Closed Cup  
PPE: Personal Protection Equipment  
ppm: Parts per Million  
RoHS: Restriction of Hazardous Substances  
STEL: Short Term Exposure Limit  
TCC: Tag Closed Cup  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Information System