



MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Smartwasher® Multi-Layer Filter

Product Number (s): 74013

Product Use: Filter for Smartwasher® parts cleaners

Manufacturer / Supplier Contact Information:

In United States:

CRC Industries, Inc.

885 Louis Drive

Warminster, PA 18974

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

1-905-670-2291

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

Section 2: Hazards Identification

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: No hazardous effects expected.

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: If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Get medical attention if necessary.

Skin Contact: wash affected area with soap and water. Call a physician if irritation persists.

Inhalation: If adverse effects occur, remove to fresh air and observe. Get medical attention if necessary.

Ingestion: Do not ingest.

Note to Physicians: Treat symptomatically.

Section 5: Fire-Fighting Measures

Flammable Properties: This product is not flammable.

Flash Point: None

Upper Explosive Limit: NA

Autoignition Temperature: ND

Lower Explosive Limit: NA

Fire and Explosion Data:

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Products of Combustion: None known.

Explosion Hazards: None known.

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 containers 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.

Methods for Containment & Clean-up: Sweep up and shovel into suitable containers for disposal.

Section 7: Handling and Storage

Handling Procedures: Handle in accordance with good industrial hygiene and safety practice. For product use instructions, please see the product label.

Storage Procedures: Keep containers tightly closed in a dry, cool and well-ventilated place. Store at 32°F (0°C) - 105°F (40. 5°C).

Aerosol Storage Level: NA

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Filter	NE	NE	NE	NE	NE		
N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated							

Controls and Protection:

Engineering Controls: None under normal conditions of use.
 Respiratory Protection: No protective equipment is needed under normal use conditions.
 Eye/face Protection: For normal conditions, wear safety glasses.
 Skin Protection: Use chemical resistant, impervious gloves for routine industrial use.

Section 9: Physical and Chemical Properties

Physical State: Solid
 Color: Buff to brown
 Odor: None
 Odor Threshold: ND
 Specific Gravity: 0.5 – 0.7
 Initial Boiling Point: ND
 Freezing Point: ND
 Vapor Pressure: ND
 Vapor Density: ND (air = 1)
 Evaporation Rate: ND
 Solubility: Forms slurry with water
 Coefficient of water/oil distribution: ND
 pH: ND
 Volatile Organic Compounds: wt %: 0 g/L: 0 lbs./gal: 0

Section 10: Stability and Reactivity

Stability: Stable
 Conditions to Avoid: Avoid moisture. Do not wet until ready to use.
 Incompatible Materials: Water should be avoided until mat is installed.
 Hazardous Decomposition Products: None known
 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 Toxicity:

<u>Component</u> Filter	<u>Oral LD50</u> (rat) No data	<u>Dermal LD50</u> (rabbit) No data	<u>Inhalation LC50</u> (rat) No data
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Chronic Toxicity:

<u>Component</u> Filter	<u>OSHA Carcinogen</u> No	<u>IARC Carcinogen</u> No	<u>NTP Carcinogen</u> No	<u>Irritant</u> No	<u>Sensitizer</u> Unknown
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Reproductive Toxicity: No data

Teratogenicity: No data

Mutagenicity: No data

Synergistic Effects: No data

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 data available
Persistence / Degradability:	Biodegradable
Bioaccumulation / Accumulation:	Not determined
Mobility in Environment:	Not determined

Section 13: Disposal Considerations

Waste Classification: This product is not a hazardous waste as supplied.

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

Section 14: Transport Information

US DOT (ground): Not Regulated

ICAO/IATA (air): Not Regulated

IMO/IMDG (water): Not Regulated

Special Provisions: None

Section 15: Regulatory Information

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

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: None

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

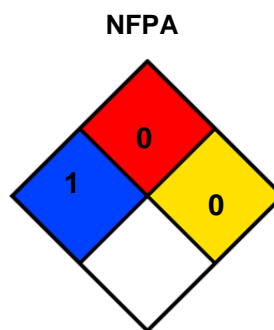
European Union Regulations:

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

Section 16: Other Information

HMIS® (II)	
Health:	1
Flammability:	0
Reactivity:	0
PPE:	A



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

Prepared By: Michelle Rudnick
 CRC #: 14124
 Revision Date: 8/18/2014

Changes since last revision: New

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