

SAFETY DATA SHEET (SDS)

Spa Marvel Filter Cleaner

Issue Date: September 16, 2016

Ref: Spa Marvel-FC 09-2016

This SAFETY DATA SHEET (SDS) is intended to provide product information for workplaces, emergency personnel and other situations where there is potential for longer exposure or exposure to larger quantities of product. For consumer use, applicable precautionary information is provided on the product label. This SDS is designed to cover both U.S. and Canadian requirements. Differences between U.S. and Canadian requirements are noted where applicable.



Section 1 – Identification of Product and Company

Product Name	Spa Marvel Filter Cleaner
Synonyms	Filter Cleaner
Product Use	Cleaner for spa plumbing
Restrictions on Use	Follow directions on the product label
Manufacturer Name and Address	Spa Marvel, 90 Nolan Court, Unit 6, Markham, Ontario L3R 4L9, Canada
Emergency Telephone Number	Canada 1-888-400-1772

Section 2 – Hazards Identification

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	1

Classification	
U.S.	This product is not considered hazardous under OSHA (1910-1200)
Canada	This product is not considered hazardous under the WHMIS 2015
Category	
Eyes	Minimal irritant Category 2A

Emergency Overview: Canada	May be harmful if swallowed. Contact with eyes may cause irritation. May cause irritation of respiratory tract.
Signal Word	Caution
Hazard(s)	Eye irritant
Pictogram(s)	
Emergency Overview: U.S.	May be harmful if swallowed. Contact with eyes may cause irritation. May cause irritation of respiratory tract.
Signal Word	Caution
Hazard(s)	Eye irritant
Pictogram(s)	None required
Emergency Overview: U.K.	May be harmful if swallowed. Contact with eyes may cause irritation. May cause irritation of respiratory tract.
Signal Word	Caution
Hazard(s)	Eye irritant
Pictogram(s)	

Precautionary Statements	
Eyes	Minimal Irritant
Ingestion	Minimal Irritant
Skin	Minimal Irritant
Hazards not otherwise identified	Not available
Percent ingredients with unknown acute toxicity	0% of the product consists of ingredients of unknown acute oral toxicity. Refer to Section 3

Section 3 – Composition, Information on Ingredients

Ingredients	Function	CAS Number	Concentration ¹
Hydrous Sodium Silicate**	Filler	1433-09-8	35-55%
Sodium Per Carbonate**	Cleaning and sanitizing agent	15630-89-4	30-45%
Sodium Borate Decahydrate	Chelating agent	1302-96-4	.01-10%
Proprietary Surfactant	Cleaning agent	N/A	1-5%
Sodium Carbonate	Cleaning agent	497-19-8	1-1.5%
Anti-caking Agent	Modifier	112928-00-8	0.1-1%

¹ Where ranges are shown, the exact concentration has been withheld as a trade secret.

** Applies to LD50

Section 4 – First Aid Measures

Eye Contact	Flush eyes with water immediately after contact. Call a physician if irritation develops or persists.
Skin Contact	Rinse with water.
Ingestion	Don't induce vomiting. Drink 4-8 ounces of water or milk immediately. Contact a poison control center or physician.
Inhalation	While inhalation of product dust is unlikely, move to fresh air away from dust.
Note to Physician	<p><u>Acute Symptoms:</u></p> <p>Inhalation: If symptoms are experienced, remove the source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult give oxygen.</p> <p>Eye Contact: Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.</p> <p>Skin Contact: If irritated, Wash with soap and water. Get medical attention if irritation persists.</p> <p>Ingestion: If swallowed, drink plenty of water and seek medical attention.</p>

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media	As appropriate for surround fire. Use water, dry chemical, carbon dioxide or foam.
Unsuitable Extinguishing Media	Not available
Specific Hazards arising from the chemical mixture	Not available
Hazardous Combustion Products	Not available
Protective Equipment and Precautions for Firefighters	Fire fighter should wear full protective clothing and self contained breathing apparatus as for surrounding fire.

Section 6 – Accidental Release Measures

Personal Precautions	Prevent dust cloud formation
Industrial Setting	Wear appropriate personal protective equipment (refer to Section 8).
Environmental Precautions	Avoid entry into lakes, streams, ponds or public waterways

Methods for Containment and Cleaning Up

Household Setting	Small spills and leaks may be cleaned up and disposed of in normal household trash or diluted and disposed of via sewer.
Industrial Setting	Before attempting clean up, refer to hazard data given. Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Dispose of liquid in accordance with all applicable local, state/provincial and federal regulations. Small amounts may be flushed to sewer.

Section 7 – Handling and Storage

Safe Handling	
Household Setting	Use as directed on product label.
Industrial Setting	Wear appropriate personal protective equipment (refer to Section 8).
Safe Storage	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container and keep container closed when not in use.
Storage Incompatibilities	None known.

Section 8 – Exposure Controls, Personal Protection

Exposure Limits	None known
Engineering Controls	Not applicable
Personal Protective Equipment (PPE)	
Household Setting	No special precautions necessary as long as product is used as directed.
Industrial Setting	
Respiratory Protection	None required under normal conditions. General ventilation required.
Eye Protection	Goggles or other protective eye wear may be worn for protection.
Skin Protection	Glove may be worn for protection.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Physical State	Powder
Color	White
Odor	None
Odor Threshold	Not available
pH	9-11
Melting Point	Not available
Freezing Point	Not available
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Upper Explosive Limit (UEL)	Not available
Lower Explosive Limit (LEL)	Not available
Vapor Pressure (mmHg)	Not available
Specific Gravity (H2O=1)	0.9 – 1.1g/cc
Relative Density	Not available
Vapor Density (Air=1)	Not available
Solubility in Water	1g dissolves in 16ml of water
Viscosity	Not available
VOC (weight %)	Not available

Section 10 – Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable
Possibility of Hazardous Reactions	Not available
Conditions to Avoid	Not available
Incompatible Materials	Not available
Household Setting	In general, cleaning products should not be mixed with other household chemicals unless specifically provided for in the use directions.
Hazardous Decomposition Products	None known

Section 11 – Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion
Effects of Acute Exposure	Not available
Oral Toxicity	LD50>5000 mg/kg, calculated based on ingredients
Dermal Toxicity	Not available
Inhalation Toxicity	Not available
Eye Contact	Mild irritation, based on ingredients
Skin Contact	Non-irritant
Component Information	Refer to Section 3 for ingredient LD50 (acute oral).
Effects of Chronic Exposure	Not expected to have chronic health effects.
Sensitization	Does not indicate a potential for allergic contact sensitization, based on Human Repeat Insult Patch Test (HRIPT).
Carcinogenicity	Not expected to have chronic health effects.

SAFETY DATA SHEET (SDS)
Spa Marvel Filter Cleaner

NTP	No ingredients listed.
IARC	No ingredients listed.
OSHA	No ingredients listed.
Reproductive Effects	Not expected to have chronic health effects.
Teratogenicity	Not expected to have chronic health effects.
Mutagenicity	Not expected to have chronic health effects.
Target Organ Effects	Not expected to have chronic health effects.

Section 12 – Ecological Information

Ecotoxicity	Not available
Persistence and Degradability	This product is biodegradable, based on ingredients.
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
Environmental Fate	No adverse effects expected.

Section 13 – Disposal Considerations

Product Waste	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Household Setting	Product residues in the bottle may be discarded in trash when used as directed, the product is septic safe.
Industrial Setting	When disposed as waste in its original form, this product is not considered hazardous waste under federal regulations; however regulations may vary by state or province and may designate it as hazardous waste. Check with your local waste and waste water authorities. We are aware of the following state waste classifications:
California Hazardous Waste Code	561
Connecticut Hazardous Waste Code	CT05
Washington Hazardous Waste Code	WT02
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash.

Section 14 – Transport Information

U.S. States (surface transport)	Not regulated
Proper Shipping Name	Spa Marvel Filter Cleaner
Hazard ID Number/Class/Classification Code/Label	Not regulated
IATA Class/Labels/Environmentally Hazardous	Not regulated
IMDG Marina Transport Class/Labels/Marina Pollutant/Environmentally Hazardous/Special Provisions	Not regulated
Packing Group	III – Low Danger

Section 15 – Regulatory Information

U.S.	
Toxic Substances Control Act (TSCA)	This product complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).
California Prop 65	This product isn't subject to the labelling requirements.
California Air Resources Board (CARB)	Not applicable
CANADA	
Domestic Substances List	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
United Kingdom	This product complies with the requirements of CLP Regulations.

Section 16 – Other Information

Prepared by	The Spa Marvel Company Inc.
Issue Date	February 26, 2016
Revision Date	September 16, 2016
Revision Note	Revised to include reference to LD50 and to conform to UK CLP Regulation.

Please note: This product is manufactured and marketed for consumer use and should be used as directed on the product label for the intended purpose. The Spa Marvel Company Inc. warrants that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other abbreviations used in this document:
 CLP – (UK) Classification, Labelling and Packaging Regulation
 DSL – (Canadian) Domestic Substances List
 IARC – International Agency for Research on Cancer
 NTP – (U.S. Department of Health and Human Services) National Toxicology Program
 OSHA – (U.S.) Occupational Safety and Health Administration
 WHMIS – (Canadian) Workplace Hazardous Materials Information System

End of SAFETY DATA SHEET (SDS)