

**SIMPLICITY® FILTER & CARTRIDGE  
CLEANER**

Version:	1.1
Revision Date:	08/13/2008
Print Date:	09/23/2009

The recipient of this Safety Data Sheet is urged to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet,(2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name: SIMPLICITY® FILTER & CARTRIDGE CLEANER

Product Use Description: Recreational Water Product

Company:  
Asepsis, Inc.  
P.O. Box 1788  
Suwanee, GA  
30024-0973

Emergency telephone:  
CHEMTREC (US Transportation) :  
(800) 424-9300  
(703) 527-3887  
Poison Control Center (Medical) :  
(877) 800-5553

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Customer Service: (800) 959-7946

Prepared by: Product Safety Department  
(US) +1 866-430-2775  
(EU) +44 (0) 1753.603.000  
Email: MSDSRequest@chemtura.com

**SECTION 2. HAZARDS IDENTIFICATION**

**Emergency Overview**

**WARNING!**

Form: liquid  
Colour: yellow  
Odour: Lemon.

Causes severe eye irritation.  
May be harmful if inhaled.  
May cause skin irritation.  
May cause irritation of respiratory tract.  
Avoid breathing vapors.  
Do not get in eyes, on skin, or on clothing.

OSHA Hazards:  
THIS MATERIAL IS HAZARDOUS UNDER THE  
CRITERIA OF THE FEDERAL OSHA HAZARD  
COMMUNICATION STANDARD 29CFR 1910.1200.

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**Potential Health Effects**

Primary Routes of Entry : Skin contact  
Inhalation  
Ingestion  
Eye contact

Inhalation : May cause irritation of respiratory tract.

Skin : May cause skin irritation.

Eyes : Causes severe eye irritation.

Ingestion : May be harmful if swallowed.

Chronic Exposure : None known.

**SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous components**

Component	CAS-No.	Concentration
Organic acid salt		15 - 25 %
Surfactant		1 - 5 %
Proprietary additive 102		< 2 %
Proprietary additive 043		< 5 %

**SECTION 4. FIRST AID MEASURES**

**First aid procedures**

Inhalation : Remove to fresh air.  
Call a POISON CENTRE or doctor/physician.

Skin contact : Flush with plenty of water.  
Call a physician if irritation develops or persists.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.  
Call a POISON CENTRE or doctor/physician.

Ingestion : Call a physician or poison control centre immediately.  
Have person sip a glass of water if able to swallow.  
Do not induce vomiting unless told to do so by the poison control center or doctor.  
Do not give anything by mouth to an unconscious person.

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**Notes to physician**

Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Flammable properties**

Flash point : > 199.9 °F (93.3 °C)  
Method: Pensky-Martens closed cup ASTM D 93

**Protective equipment and precautions for firefighters**

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

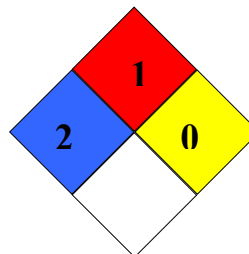
Hazardous decomposition products : Carbon oxides  
nitrogen oxides (NOx)

Further information : There are no unusual fire and explosion hazards known.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.  
Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

**Further information**

**NFPA Classification** : Health Hazard: 2  
Fire Hazard: 1 Class IIIB  
Combustible Liquid  
Reactivity Hazard: 0



**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.  
Soak up with inert absorbent material.  
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

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**SECTION 7. HANDLING AND STORAGE**

**Handling**

Advice on safe handling : Avoid contact with skin, eyes and clothing.  
Mix only with water.  
Do not mix with other chemicals.  
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.  
Do not handle until all safety precautions have been read and understood.

**Storage**

Requirements for storage areas and containers : Store in original container.  
Keep tightly closed in a dry, cool and well-ventilated place.  
Keep out of reach of children.  
Keep away from animals.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

**Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
Proprietary additive 043	TWA ; ACGIH 1994-09-01	100 ppm 606 mg/m3	Skin contact does contribute to exposure.
Proprietary additive 043	STEL ; ACGIH 1994-09-01	150 ppm 909 mg/m3	Skin contact does contribute to exposure.
Proprietary additive 043	TWA ; OSHA PO 1989-03-01	100 ppm 600 mg/m3	Skin contact does contribute to exposure.
Proprietary additive 043	STEL ; OSHA PO 1989-03-01	150 ppm 900 mg/m3	Skin contact does contribute to exposure.
Proprietary additive 043	TWA ; OSHA P1 1993-06-30	100 ppm 600 mg/m3	Skin contact does contribute to exposure.

**Engineering measures**

Engineering measures : Use only with adequate ventilation.  
Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal protective equipment**

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Eye protection	:	Safety glasses with side-shields
Hand protection	:	For prolonged or repeated contact use protective gloves. Wear rubber gloves.
Skin and body protection	:	Remove and wash contaminated clothing before re-use.
Respiratory protection	:	If used in a confined area, respirator protection may be necessary.
Hygiene measures	:	Wash contaminated clothing before reuse.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form	:	liquid
Colour	:	yellow
Odour	:	Lemon.

**Safety data**

Flash point	:	> 199.9 °F (93.3 °C) Method: Pensky-Martens closed cup ASTM D 93
pH	:	ca. 1
Freezing point	:	Not Available
Boiling point/boiling range	:	Not Available
Vapour pressure	:	Not Available
Density	:	8.77 lb/gal
Relative density	:	1.052
Water solubility	:	completely miscible
Relative vapour density	:	Not Available

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	:	High temperatures. Poor ventilation. Contamination
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Materials to avoid : Do not mix with other swimming pool/spa chemicals in their concentrated forms.  
Oxidizing agents  
Bases

Hazardous decomposition products : Type: Hazardous decomposition products  
Carbon oxides  
nitrogen oxides (NOx)

Hazardous reactions : Hazardous polymerisation does not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Skin irritation : May cause skin irritation.

Eye irritation : Causes eye irritation.

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : no data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.  
Recycle or dispose of container in trash.

Contaminated packaging : Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION**

**DOT** UN-Number : 1760  
Proper shipping name : Corrosive liquids, n.o.s.  
Proper technical name : (Urea, monohydrochloride)

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Class : 8  
Packing group : III

**IATA** UN-Number : 1760  
Proper shipping name : Corrosive liquid n.o.s.  
Proper technical name (Urea, monohydrochloride)  
Class : 8  
Packing group : III

**IMDG** UN-Number : 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
Proper technical name (Urea, monohydrochloride)  
Class : 8  
Packing group : III

ORM-D Consumer Commodity exemption possible  
Limited Quantity exemption possible

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**SECTION 15. REGULATORY INFORMATION**

**National regulatory information**

**OSHA Hazards** : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**SARA Hazard category** : Fire Hazard  
Acute Health Hazard

**US CERCLA (Component)** : US. Environmental Protection Agency (EPA); The 1980 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Reportable quantity: 5,000 lbs

Proprietary additive 102 || || < 2 %

**TSCA 12B (Component)** : US. Environmental Protection Agency (EPA); Toxic Substances Control Act (TSCA) Section 12(b) 40 CFR Subchapter R

Proprietary additive 043 || || < 5 %

**TSCA 4A (Component)** : US. Toxic substances control, title 15-commerce and trade, chapter 53-subchapter i-control of toxic substances, 2603, 2611, 2625.

EPA is taking direct final action to amend the final test rule, "In Vitro Dermal Absorption Rate Testing of Certain Chemicals of Interest to the Occupational Safety and Health Administration," promulgated under section 4 of the Toxic Substances Control Act (TSCA). This amendment removes the requirement that testing be conducted to determine a permeability constant (Kp) for dipropylene glycol methyl ether (DPGME). However, the requirement to conduct testing to measure short-term dermal absorption rates remains for DPGME.

Proprietary additive 043 || || < 5 %

**TSCA 8AP (Component)** : US. Toxic substances control, title 15-commerce and trade, chapter 53-subchapter i-control of toxic substances 2607(a).

Proprietary additive 043 || || < 5 %

**US CWA (Product)** : Listed

**US State Regulations**

**US MA RTK (Component)** : US. The Commonwealth of Massachusetts Department of Public Health; Massachusetts Right-to-know law, The Massachusetts Substance List, 105 CMR 670.000



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Massachusetts hazardous substance		
Proprietary additive 102		< 2 %

Massachusetts hazardous substance		
Proprietary additive 043		< 5 %

**US NJ RTK  
(Component)**

: US. New Jersey Department of Environmental Protection -; Bureau of Hazardous Substances New Jersey Right to Know Law, Hazardous Substance List [P.L. 1983, C. 315, NJSA 34:5A-1 et seq]

hazardous substance		
Proprietary additive 102		< 2 %

hazardous substance		
Proprietary additive 043		< 5 %

**US PA RTK  
(Component)**

: US. Commonwealth of Pennsylvania - Department of Labor and Industry; Pennsylvania Code Title 34, Labor and Industry Chapter 323

environmental hazard, hazardous substance		
Proprietary additive 102		< 2 %

hazardous substance		
Proprietary additive 043		< 5 %

**The components of this product are reported in the following inventories:  
TSCA**

**Additional advice :**

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act): This product is not a registered pesticide.

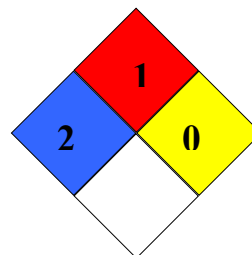
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**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA Classification** : Health Hazard: 2  
Fire Hazard: 1 Class IIIB  
Combustible Liquid  
Reactivity Hazard: 0



**HMIS Classification** : Health Hazard: 2  
Flammability: 1  
Physical and chemical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

**Other Emergency Phone Number**

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of the seller, it is the user's obligation to determine the conditions of safe use of the products.