

**MATERIAL SAFETY DATA SHEET**

MSDS



Date Issued: 06/02/2007  
 MSDS No: ASIM24328  
 Date-Revised: 08/31/2007  
 Revision No: 1

**Simplicity Flocc & Clear****1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Simplicity Flocc & Clear  
**GENERAL USE:** Water clarifier  
**CHEMICAL FAMILY:** Mixture

**MANUFACTURER**

Asepsis, Inc., A Chemtura Company  
 P.O. Box 1788  
 Suwanee GA 30024-0973  
**Product Stewardship:** (877) 800-5553  
**Customer Care Number:** (800) 959-7946

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**Poison Control Center (Medical) :** (877) 800 - 5553  
**CHEMTREC (US Transportation) :** (800) 424 - 9300

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Purple liquid

**IMMEDIATE CONCERNS: CAUTION:** Irritant. Causes eye irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. May be irritating to nose and throat. Avoid breathing vapors. If product gets on clothing, remove and wash before reuse. Do not mix with other chemicals.

**POTENTIAL HEALTH EFFECTS**

**EYES: CAUTION:** Causes eye irritation. Avoid contact with eyes.

**SKIN:** The product is not expected to cause skin irritation upon contact or to be hazardous through dermal absorption. No cases of skin sensitization have been reported.

**INGESTION:** Harmful if swallowed.

**INHALATION:** May be irritating to nose and throat. Avoid breathing vapors.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**CHRONIC EFFECTS:** There are no known chronic hazards.

**ROUTES OF ENTRY:** Eye Contact, Inhalation, Ingestion.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %
Cationic polymer blend (Proprietary)	~ 29

**4. FIRST AID MEASURES**

**EYES:** If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

**SKIN:** If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

**INGESTION:** If swallowed: Drink large amounts of water. Do not induce vomiting. Avoid alcohol. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician or poison control center immediately.

**INHALATION:** If inhaled: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately.

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## 5. FIRE FIGHTING MEASURES

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**FLASHPOINT AND METHOD:** None to 212 F

**GENERAL HAZARD:** There are no unusual fire and explosion hazards known.

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, dry chemical, or foam.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

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## 6. ACCIDENTAL RELEASE MEASURES

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**SMALL SPILL:** For small spills, dilute with copious amounts of water and flush to sewer.

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## 7. HANDLING AND STORAGE

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**GENERAL PROCEDURES:** Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

**HANDLING:** Mix only with water. Never add water to product. Always add product to large quantities of water. Do not mix with other chemicals. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.

**STORAGE:** Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Cationic polymer blend (Proprietary)	TWA	N/E [1]	[1]	N/E	
<b>OSHA TABLE COMMENTS:</b>					
1. N/E = Not Established					

**ENGINEERING CONTROLS:** General room ventilation plus local exhaust should be used to minimize exposure to vapors.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear goggles or safety glasses with side shields when handling this product.

**SKIN:** Wear rubber gloves when handling this product. Avoid contact with skin.

**RESPIRATORY:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**WORK HYGIENIC PRACTICES:** If product gets on clothing, remove and wash before reuse.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**PHYSICAL STATE:** Liquid

**ODOR:** Odorless

**APPEARANCE:** Clear

**COLOR:** Purple

**pH:** 3.5 to 4.0

**FLASHPOINT AND METHOD:** None to 212 F

**SOLUBILITY IN WATER:** Miscible in Water

**SPECIFIC GRAVITY:** 1.180 g/ml

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** This product is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization will not occur under normal conditions.

**CONDITIONS TO AVOID:** High temperature. Poor ventilation. Contamination.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Other swimming pool/spa chemicals in their concentrated forms. Strong oxidizing agents. This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation.

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**11. TOXICOLOGICAL INFORMATION**

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**EYE EFFECTS:** This product is an eye irritant. May cause burns if not removed from eye promptly.

**SKIN EFFECTS:** Non-irritating to skin.

**CARCINOGENICITY**

**IARC:** This product is not listed as a carcinogen by IARC.

**NTP:** This product is not listed as a carcinogen by NTP.

**OSHA:** This product is not listed as a carcinogen by OSHA.

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**12. ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:** This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

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**13. DISPOSAL CONSIDERATIONS**

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**PRODUCT DISPOSAL:** Wash down drain with excess water. Dispose in accordance with federal, state and local regulations.

**EMPTY CONTAINER:** Do not reuse container. Rinse thoroughly before discarding in trash.

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**14. TRANSPORT INFORMATION**

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**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Corrosive Liquids, N.O.S. (Contains hydroxychloride complex)

**PRIMARY HAZARD CLASS/DIVISION:** 8 (Corrosive)

**UN/NA NUMBER:** 1760

**PACKING GROUP:** III

**OTHER SHIPPING INFORMATION:** Limited Quantity or ORM-D Consumer Commodity exemption if applicable.

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## 15. REGULATORY INFORMATION

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### UNITED STATES

**OSHA HAZARD COMM. RULE:** Product is hazardous by definition of the Hazardous Communication Standard.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This product is not a registered pesticide.

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## 16. OTHER INFORMATION

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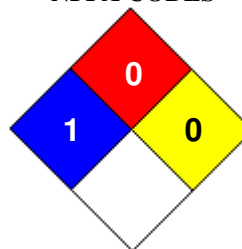
**PREPARED BY:** Regulatory Affairs Department

**REVISION SUMMARY:** Revision #: 1 This MSDS replaces the June 09, 2007 MSDS. Any changes in information are as follows:

### HMIS RATING

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	0
<b>PHYSICAL HAZARD:</b>	0
<b>PERSONAL PROTECTION:</b>	<b>B</b>

### NFPA CODES



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