

# Material Safety Data Sheet

## OMNI® FILTER & CARTRIDGE CLEANER

Version: 1.1

Revision Date: 03/29/2011

Print Date: 07/23/2013

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *OMNI® FILTER & CARTRIDGE CLEANER*

Product Use Description: Recreational Water Product

Company: Manufacturer  
Asepsis, Inc.  
OMNI POOL PRODUCTS  
P.O. Box 1788  
Suwanee, GA  
30024-0973  
  
Telephone: (800) 959-7946

Emergency telephone number: CHEMTREC: (24 hours) 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.

Prepared by: Product Safety Department  
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03/29/2011

+011-886-2-2712-5668 MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### Warning

Form: liquid      Colour: yellow      Odour: Lemon.

#### Hazard Summary

: Causes serious 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.

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OSHA Hazards

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

### 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 serious eye irritation.

Ingestion

: May be harmful if swallowed.

Chronic Exposure

: None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component	CAS-No.	Weight percent
Organic acid salt		15 - 25 %
Surfactant		1 - 5 %
Trade secret 036		< 2 %
Trade secret 080		< 5 %

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

Inhalation

: Remove to fresh air.  
Call a POISON CENTER 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.

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Ingestion : Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.  
Call a POISON CENTER or doctor/ physician.  
: 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.

### 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

### Fire fighting

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

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

### Protective equipment and precautions for firefighters

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.

## 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".

## SECTION 7. HANDLING AND STORAGE

### Handling

Handling procedures : Avoid contact with skin, eyes and clothing.

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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
Trade secret 080	TWA ACGIH 2007-01-01	100 ppm	
	STEL ACGIH 2007-01-01	150 ppm	
	TWA OSHA P1 1997-08-04	100 ppm 600 mg/m3	
	TWA OSHA P0 1989-01-19	100 ppm 600 mg/m3	
	STEL OSHA P0 1989-01-19	150 ppm 900 mg/m3	

### Engineering measures

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

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### Personal protective equipment

- 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 : Note: Not Available
- Boiling point/boiling range : Note: Not Available
- Vapour pressure : Note: Not Available
- Specific Gravity : 1.052 at
- Water solubility : Note: completely miscible
- Relative vapour density : Note: Not Available

## SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: High temperatures.  
Poor ventilation.  
Contamination

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Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their concentrated forms.  
Oxidizing agents  
Bases

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

Hazardous reactions : Hazardous polymerisation does not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity  
Surfactant : LD50: 1,000 - 2,000 mg/kg  
Species: rat

Trade secret 036 : LD50: 3,100 mg/kg  
Species: rat

Trade secret 080 : LD50: > 2,000 mg/kg  
Species: rat

Acute inhalation toxicity  
Trade secret 080 : LC50: Exposure time: 7 h  
Species: rat

Acute dermal toxicity  
Surfactant : LD50: > 2,000 mg/kg  
Species: rat

Trade secret 036 : LD50: > 7,940 mg/kg  
Species: rabbit

Trade secret 080 : LD50: > 2,000 mg/kg  
Species: rabbit

Skin irritation : Remarks: May cause skin irritation.

Eye irritation : Remarks: Causes eye irritation.

Sensitisation  
Surfactant : Classification: Did not cause sensitization on laboratory animals.

Trade secret 036 : Classification: Did not cause sensitization on laboratory animals.

Trade secret 080 : Species: Human

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Classification: Did not cause sensitization on laboratory animals.

Teratogenicity  
Trade secret 080 : Species: rat  
Application Route: Inhalation

CMR effects  
Trade secret 080 : Carcinogenicity: Animal testing did not show any carcinogenic effects.  
Mutagenicity: Animal testing did not show any mutagenic effects.  
Teratogenicity: No effects on or via lactation  
Reproductive toxicity: No toxicity to reproduction

### 12. ECOLOGICAL INFORMATION

Toxicity to fish  
Surfactant : 10 - 20 mg/l  
Exposure time: 96 h

Trade secret 036 : Species: Pimephales promelas (fathead minnow)  
static test  
LC50: > 1,600 mg/l  
Exposure time: 48 h

Trade secret 080 : Species: Leuciscus idus (Golden orfe)  
static test  
LC50: > 5,000 mg/l  
Exposure time: 96 h  
Species: Pimephales promelas (fathead minnow)  
static test

Toxicity to daphnia and other aquatic invertebrates.  
Surfactant : LC50: 1 - 10 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
static test

Trade secret 080 : LC50: 1,919 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
static test

Toxicity to algae  
Trade secret 080 : EC50: > 969 mg/l  
Exposure time: 72 h  
Species: Algae  
Growth inhibition

Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity)  
Trade secret 080 : NOEC: 0.5 mg/l

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Exposure time: 22 d  
Survival and growth  
Species: Daphnia magna (Water flea)  
flow-through test

Bioaccumulation  
Trade secret 080 : Bioconcentration factor (BCF): < 1

Biodegradability  
Surfactant : Result: Readily biodegradable.  
> 75 %

Trade secret 080 : aerobic  
Result: Readily biodegradable.  
79 %

### Further information on ecology

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  
Description of the goods : Corrosive liquids, n.o.s.  
(Urea, monohydrochloride)  
Class : 8  
Packing group : III  
ERG Code : 154

### IATA

UN number : 1760  
Description of the goods : Corrosive liquid, n.o.s.  
(Urea, monohydrochloride)  
Class : 8  
Packing group : III



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### **IMDG**

UN number : 1760  
Description of the goods : CORROSIVE LIQUID, N.O.S.  
(Urea, monohydrochloride)  
Class : 8  
Packing group : III  
EmS Letter 1 : F-A  
EmS Letter 2 : S-B  
  
Marine pollutant : no

ORM-D Consumer Commodity exemption possible  
Limited Quantity exemption possible

### **SECTION 15. REGULATORY INFORMATION**

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

**SARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard

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

Note: Listed

### **SECTION 16. OTHER INFORMATION**

#### **Further information**

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

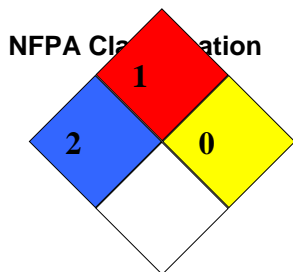
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NFPA Classification

: Health hazard: 2  
Fire Hazard: 1 Class IIIB  
Combustible Liquid  
Reactivity Hazard: 0

### 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.