

MATERIAL SAFETY DATA SHEET

MSDS

Omni Pool Surface Cleaner

Date-Issued: 08/29/1997
MSDS Ref. No: AOMN23608
Date-Revised: 09/29/2004
Revision No: 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Omni Pool Surface Cleaner
GENERAL USE: Removes scale and hard water deposits from pool walls.
CHEMICAL FAMILY: Mixture

MANUFACTURER

Asepsis, Inc.
 Omni
 P.O. Box 1788
 Suwanee, GA 30024-0973
Customer SERVICE: (800) 959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Phosphoric acid	7664-38-2	5 - 15
Ethoxylated aliphatic amines		3 - 8
Ethoxylated Alcohols, C12-16	68551-12-2	1 - 3
Hydroxyacetic acid	79-14-1	1 - 3
Organic Acid Salt Mixture (Proprietary)		10 - 20

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Clear, red liquid with perfume odor.

IMMEDIATE CONCERNS: DANGER: Corrosive: Causes skin and eye burns. Causes digestive tract burns. May cause allergic skin reaction. Do not taste or swallow. Do not get in eyes, on skin, or on clothing. **Wear safety glasses and rubber gloves when handling this product.** May be irritating to nose and throat. Avoid breathing vapors. Wash thoroughly after handling. If product gets on clothing, remove and wash the clothing before reuse. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye burns. Do not get in eyes.

SKIN: Causes skin burns. Do not get on skin.

INGESTION: Ingestion causes digestive tract burns, which may lead to perforation of the digestive tract, which may be fatal.

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

CHRONIC: There are no known chronic hazards.

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

4. FIRST AID MEASURES

EYES: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: If contact with skin: Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention if irritation persists.

INGESTION: If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: If inhaled: Remove to fresh air. Get medical attention if breathing is difficult.

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

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

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

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may include, but are not limited to, carbon monoxide, carbon dioxide, and vapors/fumes of potentially toxic organic/inorganic materials.

EXPLOSION HAZARDS: This product does not pose an immediate explosion hazard.

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.

HAZARDOUS DECOMPOSITION PRODUCTS: Vapors/fumes of organic/inorganic materials plus oxides of carbon may be emitted.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilizing appropriate clothing and safety equipment, contain spilled material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

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

HANDLING: Do not mix with other chemicals. Avoid the generation of mists in occupied areas.

STORAGE: Keep this product in original tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Do not reuse container, but place in trash collection.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Phosphoric acid	TWA		1		1		
	STEL				3		
Ethoxylated aliphatic amines	TWA	[1]					
Ethoxylated Alcohols, C12-16	TWA	[2]					
Hydroxyacetic acid	TWA	N/E		N/E			
Organic Acid Salt Mixture (Proprietary)	TWA	[3]					

OSHA TABLE COMMENTS:

1. N/E = Not Established
2. Not Established
3. NE = Not Established

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to maintain exposure below TLV.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear chemical safety goggles 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Perfume aroma

APPEARANCE: Clear to slightly cloudy

COLOR: Red

pH: Less than or equal to 1

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: Not Established

FREEZING POINT: Not Established

SOLUBILITY IN WATER: Miscible in Water

SPECIFIC GRAVITY: 1.04 g/ml

VISCOSITY: 800 to 1400cps

10. STABILITY AND REACTIVITY

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

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Vapors/fumes of organic/inorganic materials plus oxides of carbon may be emitted.

INCOMPATIBLE MATERIALS: Other swimming pool/spa chemicals in their concentrated forms. Bases and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product is corrosive to eyes.

SKIN EFFECTS: This product is corrosive to skin.

SENSITIZATION: This product is a potential skin sensitizer.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.
