

**MATERIAL SAFETY DATA SHEET**

MSDS

**Sun Stain & Metal Control II**

**Date-Issued:**09/06/2002  
**MSDS Ref. No:**ASUN23476  
**Date-Revised:**09/06/2002  
**Revision No:**New MSDS

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Sun Stain & Metal Control II  
**GENERAL USE:** Stain & scale control for swimming pools

**MANUFACTURER**

Asepsis, Inc.  
Sun  
P.O. Box 537  
Avondale Estates, GA 30002  
**Customer SERVICE:** (800)959-7946

**24 HR. EMERGENCY TELEPHONE NUMBERS**

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

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

The specific identity of the component(s) of this product is withheld as a trade secret.

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
(trade secret #1)	-	-
(trade secret #2)	-	-

**COMMENTS:** Our company is withholding the specific chemical identities under provision of the OSHA Hazard Communication Rule Trade Secrets (1910.1200(1)). The specific chemical identities will be made available to health professionals in accordance with 29 CFR 1910.1200 (1) (2) (3) (4). This Material Safety Data Sheet provides information for employee training and hazard identification. New Jersey Trade Secret Registry No.: BL-5133-F.

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Straw to light yellow colored liquid.

**IMMEDIATE CONCERNS:** DANGER: Corrosive: Causes eye burns. May Causes skin irritation. May be harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear safety glasses and rubber gloves when handling this product. Avoid breathing vapors. If product gets on clothing, remove and wash contaminated clothing before reuse. Do not mix with other chemicals.

**POTENTIAL HEALTH EFFECTS**

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

**SKIN:** May cause skin irritation. Avoid contact with skin.

**INGESTION:** May be harmful if swallowed.

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

**4. FIRST AID MEASURES**

**EYES:** If contact with eyes occurs: 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: Wash with plenty of soap and water. 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:** Not Established

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

**EXTINGUISHING MEDIA:** Dry chemical, water, foam or carbon dioxide. Water should be used to cool surrounding containers.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Utilizing appropriate clothing and safety equipment, contain spill 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 vapors.

**HANDLING:** Use safe chemical handling procedures for the hazards presented by this material. Do not mix with other chemicals.

**STORAGE:** Keep this product dry in original tightly closed container when not in use. Do not reuse container, but place in trash collection.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

(trade secret #1)

(trade secret #2)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
TWA	N/E <sup>[1]</sup>		N/E			

#### OSHA TABLE COMMENTS:

1. N/E = Not Established

**The specific identity of the component(s) of this product is withheld as a trade secret.**

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

### PERSONAL PROTECTIVE EQUIPMENT:

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

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

**RESPIRATORY:** In processes where mists or vapors may be generated, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls.

**PROTECTIVE CLOTHING:** If product gets on clothing, remove and wash before reuse.

**WORK HYGIENIC PRACTICES:** In accordance with good industrial hygiene practices, wash hands thoroughly with soap and water after handling this product.

**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

**APPEARANCE:** Clear

**COLOR:** Straw to Light Yellow

**pH:** <3

**VAPOR PRESSURE:** Not Established

**VAPOR DENSITY:** Not Established

**BOILING POINT:** Not Established

**FREEZING POINT:** Not Established

**SOLUBILITY IN WATER:** Miscible in Water

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**SPECIFIC GRAVITY:** 9.08 lbs/gal

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## 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:** Carbon dioxide, carbon monoxide.

**INCOMPATIBLE MATERIALS:** Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** This product is presumed to be corrosive to eyes based on the main components. Prolonged exposure can lead to irreversible tissue damage.

**SKIN EFFECTS:** Based on the components, this product may be irritating to the skin.

**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.

**COMMENTS:** Toxicological information given is based on main component. The toxicological properties of this product have not been fully investigated.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This product is presumed to have low toxicity to fish and aquatic organisms based on the main constituents. Using best practices, keep product from entering waterways and watersheds.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of product in an approved chemical incinerator or in an approved chemical landfill in accordance with current federal, state and local regulations.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Corrosive Liquids, N.O.S. (Contains Phosphonic Acid)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 1760

**PACKING GROUP:** III

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## 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** NO

**313 REPORTABLE INGREDIENTS:** This product or its components are not listed.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** TSCA (Toxic Substances Control Act):

This product or its components are listed on the TSCA Inventory.

This product or its components are not subject to export notification.

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

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## 16. OTHER INFORMATION

**PREPARED BY:** Regulatory Affairs Department

**REVISION SUMMARY** New MSDS**HMIS RATING**

<b>HEALTH:</b>		3
<b>FLAMMABILITY:</b>		0
<b>PHYSICAL HAZARD:</b>		0
<b>PERSONAL PROTECTION:</b>		B

**NFPA RATING**

<b>HEALTH:</b>	3
<b>FIRE:</b>	0
<b>REACTIVITY:</b>	0

## Key

4 = Severe

3 = Serious

2 = Moderate

1 = Slight

0 = Minimal

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