

MATERIAL SAFETY DATA SHEET

MSDS

Sun Cover Cleaner

Date-Issued:09/03/2002
 MSDS Ref.No:ASUN23650
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 Revision No:New MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sun Cover Cleaner
GENERAL USE: Pool cover cleaner and deodorizer.
CHEMICAL FAMILY: Mixture

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

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Alkyl dimethylbenzylammonium chloride	68424-85-1	2
Isopropyl alcohol	67-63-0	1
Nonylphenol ethoxylate	9016-45-9	1

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Yellow liquid with lemon fragrance.

IMMEDIATE CONCERNS: CAUTION: Irritant. Causes skin and eye irritation. May be 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. Remove and wash contaminated clothing before reuse. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

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

SKIN: CAUTION: Causes skin irritation. Avoid contact with skin.

INGESTION: Harmful or fatal if swallowed.

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

SKIN: If contact with skin: Rinse off excess chemical and flush skin with cold water for at least 15 minutes. If skin irritation develops, seek immediate medical attention.

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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

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

EXTINGUISHING MEDIA: Dry Chemical, Water Fog

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.

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: Read entire product label and use strictly in accordance with hazard warnings and directions.

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.

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>
Alkyl dimethylbenzylammonium chloride	TWA	N/E ^[1]		N/E			
Isopropyl alcohol	TWA	400	983	400	983		
	STEL	500		500	1230		
Nonylphenol ethoxylate	TWA	N/E		N/E			

OSHA TABLE COMMENTS:

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: Remove and wash contaminated clothing 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: Lemon

APPEARANCE: Clear

COLOR: Yellow

pH: 7

SOLUBILITY IN WATER: Miscible in Water

SPECIFIC GRAVITY: 1 g/ml

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. Oxidizing compounds.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product may be irritating to eyes.

SKIN EFFECTS: This product may be irritating to 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.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL: Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

OTHER SHIPPING INFORMATION: Bill of Lading Description - Cleaning, Scouring or Washing Compound, NOI, Liquid (NMFC 48580, SUB 3)

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product contains the following chemicals substances subject to the reporting requirements of TSCA 12(b) one-time export notification substances (Section 4) if exported from the United States:

Isopropyl Alcohol CAS # 67-63-0

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

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.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: Isopropyl alcohol is subject to Clean Air Act Section 111 Volatile Organic Compounds.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY New MSDS

HMIS RATING

HEALTH:		1
FLAMMABILITY:		1
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		B

NFPA RATING

HEALTH:	1
FIRE:	1
REACTIVITY:	0

Key

4 = Severe

3 = Serious

2 = Moderate

1 = Slight

0 = Minimal

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