

MATERIAL SAFETY DATA SHEET

MSDS

Sun Winter Protector



Date-Issued: 08/02/2001
MSDS Ref. No: ASUN24264
Date-Revised: 10/28/2005
Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sun Winter Protector
GENERAL USE: Winter algae preventative for swimming pools.

MANUFACTURER

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

COMMENTS: EPA Registration Number: 45309-41-10305

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>Wt. %</u>
Copper (metallic)	7440-50-8	0.59

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, light blue to green, odorless liquid.

IMMEDIATE CONCERNS: CAUTION: May cause eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful or fatal if swallowed. Avoid contamination of food.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation. Avoid contact with eyes.

SKIN: May cause 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.

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 on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.

INGESTION: If swallowed: Call 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration,

PHYSICAL STATE: Liquid
ODOR: Odorless
APPEARANCE: Clear
COLOR: Light blue to green
pH: 7.0
VAPOR PRESSURE: Negligible
VAPOR DENSITY: Not Established
BOILING POINT: 100°C (212°F)
FREEZING POINT: 0°C (32°F)
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.3 g/ml

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid high temperatures.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and nitrogen oxides

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

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May cause eye irritation

SKIN EFFECTS: May cause skin irritation.

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 pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated as a DOT Hazardous Material

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

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: CERCLA hazardous substance(s) contained in this product are below the de minimus reportable levels.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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.

CLEAN WATER ACT: A component of this product is listed as a Clean Water Act Section 311 Hazardous Substance.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is a registered pesticide.

SDWA (SAFE DRINKING WATER ACT): A component of this product is listed on the Safe Drinking Water Act.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY Revision #: 1 This MSDS replaces the August 06, 2001 MSDS. Any changes in information are as follows: In Section 4 Firstaid - Eyes Firstaid - Skin Firstaid - Ingestion Firstaid - Inhalation

HMIS RATING

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

NFPA RATING

HEALTH:	1
FIRE:	0
REACTIVITY:	0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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