

# MATERIAL SAFETY DATA SHEET

## MSDS

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Date-Issued: 08/28/1997  
MSDS Ref. No: AOMN23168  
Date-Revised: 10/28/1997  
Revision No: New MSDS

### Omni Black & Mustard Algicide

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#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Omni Black & Mustard Algicide  
GENERAL USE: Swimming pool algaecide.  
CHEMICAL FAMILY: Mixture

##### MANUFACTURER

Asepsis, Inc.  
Omni  
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

##### COMMENTS:

EPA Registration Number: 8959-14-10305

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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Alkyl dimethylbenzylammonium chloride	68424-85-1	26.34
Copper triethanolamine complex	82027-59-6	3.07

##### COMMENTS:

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% of more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% of more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200.

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#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:  
Dark blue liquid.

##### IMMEDIATE CONCERNS:

DANGER: Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. This product may cause skin sensitization reactions in certain individuals. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. If swallowed call a doctor. Avoid contamination of food.

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#### POTENTIAL HEALTH EFFECTS

##### EYES:

DANGER: Corrosive. Causes severe eye damage. Do not get in eyes.

##### SKIN:

DANGER: Corrosive. Causes skin damage. Do not get on 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.

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## 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 promptly large quantities of water. Avoid alcohol. 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.

##### NOTES TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shocks as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

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## 5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Flammable

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#### 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 are toxic.

#### 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.

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## 6. ACCIDENTAL RELEASE MEASURES

#### GENERAL PROCEDURES:

STEP 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.

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## 7. HANDLING AND STORAGE

#### GENERAL PROCEDURES:

Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

#### HANDLING:

Mix only with water. Never add water to product. Always add product to large quantities of water. Do not mix with other chemicals. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.

#### STORAGE:

Keep this product in original closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE GUIDELINES:

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

		EXPOSURE LIMITS				
		OSHA PEL ppm	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV ppm	ACGIH TLV mg/m <sup>3</sup>	SUPPLIER OEL ppm
Alkyl dimethylbenzylammonium chloride	TWA	N/E <sup>[1]</sup>		N/E		
Copper triethanolamine complex	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.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight ammonia

APPEARANCE: Clear

COLOR: Dark Blue

pH: 6 to 8

SOLUBILITY IN WATER: Miscible in Water

SPECIFIC GRAVITY: 1.2 g/ml

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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:**

Vapors/fumes of organic/inorganic materials; oxides of carbon; copper oxide.

**INCOMPATIBLE MATERIALS:**

Other swimming pool/spa chemicals in their concentrated forms. Strong oxidizers or reducing agents. Soap and anionic detergents.

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#### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:**

This product is corrosive to eyes.

**SKIN EFFECTS:**

This compound is a severe skin irritant.

**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.

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#### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:**

This pesticide is toxic to fish and aquatic organisms. 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.

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#### 13. DISPOSAL CONSIDERATIONS

##### DISPOSAL METHOD:

Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. 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.

##### EMPTY CONTAINER:

Do not reuse container. Rinse thoroughly before discarding in trash.

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#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquids, N.O.S. (Copper Triethanolamine Complex)

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)

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 or its components are not subject to export notification.

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 a registered pesticide.

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#### 16. OTHER INFORMATION

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#### REVISION SUMMARY

New MSDS

#### NFPA CODES

HEALTH: 3    FIRE: 1    REACTIVITY: 0

#### HMIS CODES

HEALTH: 3    FIRE: 1    REACTIVITY: 0    PROTECTION: B

#### MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.

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