

# MATERIAL SAFETY DATA SHEET

## MSDS

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Date-Issued: 10/21/1998  
MSDS Ref. No: AOOO23647  
Date-Revised: 08/16/2000  
Revision No: 2

### Clear Comfort Neutralize

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Comfort Neutralize  
GENERAL USE: Chlorine and bromine neutralizer.  
CHEMICAL FAMILY: Inorganic salt

##### MANUFACTURER

Asepsis, Inc.  
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

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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Sodium sulfite	7757-83-7	>94
Sodium sulfate	7757-82-6	<5
Sodium chloride	7647-14-5	<2

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#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:  
White, odorless crystals

##### IMMEDIATE CONCERNS:

CAUTION: Contains Sodium Sulfite. May cause skin and eye irritation. May be harmful if swallowed. Avoid Contact with eyes, skin or clothing. Wear safety glasses and rubber gloves when handling this product. May be irritating to nose and throat. Avoid breathing dust. Individuals sensitive to sulfite who inhale or ingest this product may experience a severe allergic reaction. If product gets on clothing, remove and wash before reuse.

##### POTENTIAL HEALTH EFFECTS

###### EYES:

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

###### SKIN:

CAUTION: May cause skin irritation. Avoid contact with skin.

###### INGESTION:

May be harmful if swallowed.

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**INHALATION:**

May be irritating to nose and throat. Avoid breathing dust or vapors.

**CHRONIC:**

There are no known chronic hazards.

**ROUTES OF ENTRY:**

Skin Contact, Inhalation, Ingestion, Eye Contact.

**SENSITIZATION:**

Sulfite-sensitive people who inhale or ingest this product may experience a severe allergic reaction.

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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 large quantities 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.

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#### 5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

**GENERAL HAZARD:**

There are no unusual fire and explosion hazards known.

**EXTINGUISHING MEDIA:**

Appropriate to surrounding materials.

**HAZARDOUS COMBUSTION PRODUCTS:**

Sulfur oxide gases (toxic, oxidizers & corrosive). Sulfur trioxide is a fire hazard.

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#### 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:

Utilizing appropriate protective equipment, sweep up dry material back into original dry container or waste receptacle. Flush spill area with large amounts of water. Dispose of as an industrial waste in accordance with Federal, State and local regulations.

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## 7. HANDLING AND STORAGE

#### GENERAL PROCEDURES:

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

#### HANDLING:

Mix only with water. Do not mix with other chemicals.

#### 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.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES:

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

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SUPPLIER OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium sulfite	TWA	N/E <sup>[1]</sup>		N/E			
Sodium sulfate	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 dust/vapors.

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#### 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:

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Crystalline

COLOR: White

pH: 9.0 to 10

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

MELTING POINT: Decomposes

SOLUBILITY IN WATER: 12.5 g /100 g water

SPECIFIC GRAVITY: 2.6

#### COMMENTS:

DENSITY: Bulk Density - 85-95 lb/ft<sup>3</sup>

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## 10. STABILITY AND REACTIVITY

#### CONDITIONS TO AVOID:

High temperature. Poor ventilation. Contamination. Moisture/high humidity.

#### STABILITY:

This product is stable under normal conditions.

#### POLYMERIZATION:

Hazardous polymerization will not occur under normal conditions.

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#### HAZARDOUS DECOMPOSITION PRODUCTS:

Sulfur oxide gases (toxic, oxidizers & corrosive). Sulfur trioxide is a fire hazard.

#### INCOMPATIBLE MATERIALS:

Other swimming pool/spa chemicals in their concentrated forms. Strong mineral and organic acids. Strong oxidizing agents.

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## 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.

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## 12. ECOLOGICAL INFORMATION

#### ECOTOXICOLOGICAL INFORMATION:

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

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## 13. DISPOSAL CONSIDERATIONS

#### PRODUCT DISPOSAL:

Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

#### EMPTY CONTAINER:

Do not reuse empty container. Discard in trash.

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## 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

OTHER SHIPPING INFORMATION: Bill of Lading Description - Compounds, Swimming Pool, Cleaning or Water Treating, Dry or Liquid (NMFC 50086)

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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 not a registered pesticide.

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#### 16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs

##### REVISION SUMMARY

Revision #: 2

This MSDS replaces the July 19, 2000 MSDS. Any changes in information are as follows:

In Section 1

General Use Statement

In Section 9

Density (text)

##### NFPA CODES

HEALTH: 1    FIRE: 0    REACTIVITY: 0

##### HMIS CODES

HEALTH: 1    FIRE: 0    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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