

# MATERIAL SAFETY DATA SHEET

## MSDS

Page: 1 of 6  
Date-Issued: 09/12/1997  
MSDS Ref. No: AHYD26259  
Date-Revised: 09/15/1997  
Revision No: New MSDS

### Hydrotech Accu-Test #9 (Calcium Titrant)

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#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hydrotech Accu-Test #9 (Calcium Titrant)  
GENERAL USE: Water Analysis  
CHEMICAL FAMILY: Disodium EDTA Solution

##### MANUFACTURER

Asepsis, Inc.  
Hydrotech  
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>
No Hazardous Materials are Contained in this Product.		

##### 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:  
Clear, colorless liquid.

##### IMMEDIATE CONCERNS:

As part of good personal hygiene and safety procedures, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

##### POTENTIAL HEALTH EFFECTS

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

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

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Page: 2 of 6

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---

#### INGESTION:

May be harmful 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 on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

#### INGESTION:

If swallowed: Drink large amounts of water. 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: None

#### GENERAL HAZARD:

There are no unusual fire and explosion hazards known.

#### EXTINGUISHING MEDIA:

Carbon Dioxide, 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.

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## MSDS

Page: 3 of 6

Date-Issued: 09/12/1997

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---

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:**

Flush with water.

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#### 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.

**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

**ENGINEERING CONTROLS:**

General room ventilation plus local exhaust should be used to minimize exposure to vapors.

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYES AND FACE:**

Use of safety glasses with side shields is recommended, if conditions warrant.

**SKIN:**

No special requirement.

**RESPIRATORY:**

None required.

**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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Page: 4 of 6

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Odorless

APPEARANCE: Clear

COLOR: Colorless

pH: 5.0 to 5.2

SOLUBILITY IN WATER: Miscible in Water

SPECIFIC GRAVITY: 1 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 plus oxides of carbon may be emitted.

INCOMPATIBLE MATERIALS:

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

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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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## MSDS

Page: 5 of 6  
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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.

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#### 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)  
PROPER SHIPPING NAME: Not Regulated.

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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 not 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

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Page: 6 of 6

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#### REVISION SUMMARY

New MSDS

#### NFPA CODES

HEALTH: 0    FIRE: 0    REACTIVITY: 0

#### HMIS CODES

HEALTH: 0    FIRE: 0    REACTIVITY: 0    PROTECTION: A

#### MANUFACTURER DISCLAIMER:

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