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## MATERIAL SAFETY DATA SHEET

### I. CHEMICAL IDENTIFICATION

TRADE NAME: AMMONIA STABILIZER SOLUTION

CATALOG NO.: A-1500 and A-1501

DESCRIPTION: An accessory solution used in conjunction with reagent ampoules in the determination of ammonia in water. Each bottle of A-1500 contains approximately 10 mL of accessory solution. Each bottle of A-1501 contains approximately 70 mL of accessory solution.

NFPA RATINGS: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

### II. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Potassium Hydroxide  
CAS NO.: 1310-58-3 PERCENT: 0.1

COMPONENT: Diethylene Glycol  
CAS NO.: 111-46-6 PERCENT: 5.0

COMPONENT: Sodium Potassium Tartrate, Tetrahydrate  
CAS NO.: 6381-59-5 PERCENT: 30.0

COMPONENT: Deionized Water  
CAS NO.: 7732-18-5 PERCENT: 65.0

### III. HAZARDS IDENTIFICATION

ACUTE TOXICITY: Harmful if swallowed. Eye, skin, mucous membrane and upper respiratory tract irritation, liver and kidney damage, central nervous system depression.

CHRONIC TOXICITY: May cause rise in blood pressure, effects may be delayed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin and eye problems, impaired liver or kidney function.

### IV. FIRST AID MEASURES

EYE AND SKIN CONTACT: Immediately flush eyes and skin with water for 15 minutes.

INGESTION: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention.

INHALATION: Remove individual to fresh air.

### V. FIRE FIGHTING MEASURES

FLASH POINT: N/A AUTOIGNITION POINT: N/A  
FLAMMABILITY LIMITS: UPPER: N/A LOWER: N/A  
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or alcohol foam

### VI. ACCIDENTAL RELEASE MEASURES

Take up with absorbent material. Place in small containers for disposal. Ventilate area and wash spill site after material pick up is complete.

### VII. HANDLING AND STORAGE

If this product is used as directed, the user will not come in contact with or be exposed to any of its chemical components.  
Wash thoroughly after handling. Avoid contact with eyes.  
Product should be stored in the dark and at room temperature; however, temperatures up to 120°F or even below freezing will not normally affect reagent performance.

### VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

OSHA & ACGIH THRESHOLD LIMIT VALUE: None established  
PROTECTIVE EQUIPMENT: Safety glasses

### IX. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Liquid APPEARANCE: Colorless ODOR: None  
SOLUBILITY IN WATER: Miscible pH: 8  
BOILING POINT: 104°C MELTING POINT: 10°C  
VAPOR PRESSURE: N/A SPECIFIC GRAVITY: 1.16  
VAPOR DENSITY: N/A

### X. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: None  
Stable under normal conditions.

### XI. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: None.  
No other data available at this time.

### XII. ECOLOGICAL INFORMATION

No data available.

### XIII. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State and Local Regulations.

### XIV. TRANSPORT INFORMATION

Not Regulated.

### XV. REGULATORY INFORMATION

EUROPEAN INFORMATION:

Safety Phrases: Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). After contact with skin, wash immediately with plenty of water.

CANADA INFORMATION:

WHMIS Classification: D2B

U.S. INFORMATION

All chemical components of this product are listed on the TSCA Inventory.

### XVI. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.