

**MATERIAL SAFETY DATA SHEET****BAC-AZAP<sup>®</sup>**Health Emergencies: CHEMTREC<sup>®</sup> (800) 424-9300**SECTION I - GENERAL INFORMATION**

CHEMICAL NAMES AND SYNONYMS: Live Organism & Enzyme culture  
 TRADE NAMES & SYNONYMS: BAC-AZAP BIOLOGIC ODOR CONTROL  
 CHEMICAL FAMILY: Non-Pathogenic Bacteria & Enzyme Culture  
 D.O.T. SHIPPING NAME: Not Applicable  
 D.O.T. HAZARD CLASSIFICATION: NOI Non-Hazardous  
 Distributed By: Nisus Corporation  
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**SECTION II - HAZARDOUS INGREDIENTS**

|       | NAME                          | CAS#          | %      | TVL (UNIT) |
|-------|-------------------------------|---------------|--------|------------|
| Water |                               | 7732-18-5     | 80-90% | Not Listed |
|       | Nonylphenoxypolyethoxyethanol | 68412-54-4    | <10    | Not Listed |
|       | Bacteria & Enzyme Culture     | Not Available | <10    | Not Listed |
|       | Tetrasodium EDTA              | 64-02-8       | <10    | Not Listed |
|       | Proprietary Fragrance Blend   | Not Available | <10    | Not Listed |
|       | Propylene Glycol              | 57-55-6       | <10    | Not Listed |

**SECTION III - PHYSICAL DATA**

BOILING POINT: 212°F  
 SPECIFIC GRAVITY: 1.01  
 VAPOR PRESSURE <mm Hg>: Nil  
 % VOLATILE BY VOLUME: 85 - 95  
 SOLUBILITY IN WATER: Dispersible  
 pH: 6-8  
 APPEARANCE & ODOR: White opaque liquid with a pleasant floral scent.  
 FREEZING POINT -30° F

**SECTION IV - FIRE & EXPLOSION DATA**

FLASH POINT (TEST METHOD): Not Applicable  
 AUTO IGNITION TEMPERATURE: Not Applicable  
 FLAMMABLE LIMITS: Not Applicable  
 EXTINGUISHING MEDIA: Water, Carbon Dioxide, Dry chemical or Foam.  
 SPECIAL FIREFIGHTING PROCEDURES: Wear full protective gear including self contained breathing apparatus.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: Heat may cause product decomposition (See hazardous decomposition products: Section VI).

**SECTION V - HEALTH HAZARD DATA**

OSHA PERMISSIBLE EXPOSURE LIMIT: Not Established for mixture.  
 ACGIH THRESHOLD LIMIT VALUE: Not Established for mixture  
 CARCINOGEN -NTP PROGRAM: Not Listed  
 CARCINOGEN - IARC PROGRAM: Not Listed  
 SYMPTOMS OF EXPOSURE: May cause irritation to eyes, skin, digestive tract or respiratory tract.  
 MEDICAL CONDITIONS AGGRAVATED: None expected  
 PRIMARY ROUTES OF ENTRY: Eye contact and ingestion.

**SECTION VI - EMERGENCY FIRST AID**

**EYES:** Immediately flush eyes with running water for at least 15 minutes. Get immediate medical attention. If possible, continue to flush eyes with running water until medical aid is received. Remove & discard contact lenses.  
**SKIN:** Immediately remove any contaminated clothing and flush affected area with running water for at least 15 minutes. Apply a good moisturizing lotion and seek prompt medical attention if irritation develops or persists.  
**INHALATION:** Not Applicable, product is essentially non-volatile.  
**INGESTION:** Immediately drink 2 glasses of water or milk and induce vomiting by tickling the back of throat with finger. Get immediate medical attention.

**SECTION VII - REACTIVITY DATA**

STABILITY: Stable  
 CONDITIONS TO AVOID: Excessive heat.  
 MATERIALS TO AVOID: Acids, alkalis, oxidizing agents and any organic contamination.  
 HAZARDOUS POLYMERIZATION: Will not occur  
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

**SECTION VIII - ENVIRONMENTAL PROTECTION PROCEDURES**

SPILL RESPONSE: Dike & contain spill. Pick up solution with a pump, wet vacuum or absorbent. Flush remaining residues to sanitary sewer with copious amount of water.  
 WASTE DISPOSAL METHOD: Dispose of wastes in accordance with all federal, state and local legislation.

**SECTION IX - SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: Safety goggles or full face shield as needed to avoid contact.  
 SKIN PROTECTION: Rubber, nitrile, neoprene or PVC as needed to prevent contact.  
 RESPIRATORY PROTECTION: None normally required.  
 VENTILATION: None normally required.  
 OTHER PROTECTION: Eyewash facilities suggested.

**SECTION X - SPECIAL PRECAUTIONS**

HANDLING AND STORAGE PRECAUTIONS: Store in original, closed containers in a cool, dry area away from acids and reducing agents.

MAINTENANCE OF CONTAMINATED EQUIPMENT: Dilute with water until product residue is completely gone.

OTHER PRECAUTIONS: Use this product ONLY AS RECOMMENDED ON THE LABEL AND LITERATURE.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

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