



**Eliminates Organic Odor, Organic Stains and
Removes Grease Build-Up in Drains**

Odor Encapsulation Technology

Biodegradable • Salmonella Free • Non-Caustic • Non-Pathogenic • Contains Active Live Bacteria

FIRST AID

IF SWALLOWED: Drink 2 glasses of water or milk and induce vomiting by touching back of throat with finger. Get immediate medical attention. **IF IN EYES:** Immediately remove contact lenses if present, then flush eyes with gently running water for at least 15 minutes. Get immediate medical attention if irritation persists.

Contains Water (CAS # 7732-18-5), Ethoxylated Alcohol (CAS # 68015-67-8), Nonylphenoxypolyethoxyethanol (CAS # 68412-54-4), a blend of non-pathogenic and enzyme producing bacteria and a proprietary fragrance blend. Harmful if swallowed. Avoid eye contact and prolonged or repeated skin contact. Store in original, closed container away from oxidizers.

V.O.C. CONTENT: 0.6% by weight

PRODUCT INFORMATION: BAC-AZAP is composed of multiple strains of specifically bred bacteria that directly attack odor causing organic matter, eliminating the source of odors. BAC-AZAP actually captures and destroys the odors, instead of simply covering them up. BAC-AZAP chemical formulation instantly binds odor-causing molecules. It is unsurpassed in controlling odors caused by urine, feces, vomit, grease, fats, proteins, decomposing plant and animal matter, garbage odors, pet odors and other organic matter. It is especially effective in eliminating skunk odors and removes grease build-up in drain lines.

BAC-AZAP can be used in inedible product processing areas, non-processing areas, and/or exterior areas of official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs.

NOTE: Do not use on food contact or food preparation surfaces.

DIRECTIONS FOR USE: BAC-AZAP is furnished full strength and ready to use for the toughest applications. In cases where the product is applied periodically as part of an ongoing maintenance program, the product may be diluted with 1 or 2 parts water to maximize coverage.

BATHROOMS & FLOOR DRAINS: After cleaning, spray walls and fixtures with a 1+1 or 2+1 dilution (water + BAC-AZAP) to prevent lingering odors. Pour 3 to 4 ounces of undiluted BAC-AZAP directly into floor drains and urinals at the end of the day and allow to work overnight.

FOAMING: BAC-AZAP may be applied as a foam using an applicator device designed to create foam solutions. Place undiluted BAC-AZAP into the applicator; do not dilute. BAC-AZAP is specially formulated to be used with ProFoam[®] Platinum foam concentrate and may be applied into drain lines, to organic debris under heavy kitchen equipment, into wall voids where organic materials such as dead rodents may cause odor concerns and onto sides of garbage cans and dumpsters.

START-UP: Apply 4 to 6 ounces to each drain where grease and organic debris is present. Continue daily for 5 to 10 days.

MAINTENANCE: Apply 4 to 6 ounces once or twice a week.

DRAINS & FOOD PREPARATION AREAS: For best results, apply product at end of day for overnight action. If drains are not used regularly, pour 2 to 3 gallons of warm water into drain opening to moisten drain surfaces before treatment. Use as a wash on all floors where organic debris may build up. In sewage overflow or pipe breakage situations, soak affected areas after removal of contaminants.

WALL VOIDS: BAC-AZAP can be applied into wall voids or other inaccessible areas by spray injection or in conjunction with a foam applicator.

CRAWL SPACES & BASEMENTS: Spray onto surfaces or dirt in crawl spaces that may produce or retain odors from mold, mildew, sewage, wildlife and pets. Apply at the rate of 1 quart per 100 square feet.

WALLS, FLOORS & CARPETS: Begin by thoroughly cleaning areas with appropriate materials and methods. Spray BAC-AZAP on all surfaces where odors might originate including wall surfaces, floors and carpets. Apply at the rate of 1 quart per 100 square feet of surface area (approximately 3 fluid ounces per square yard). NOTE: Although BAC-AZAP is designed to be non-staining, always test surface for colorfastness in an inconspicuous area before treating entire surface.

BAC-AZAP may also be fogged into confined areas, such as crawl spaces or attics using a fogging device. Dilute product 2+1 (water + BAC-AZAP) and apply as a fog at a rate of 1 gallon per 1000 cubic feet of confined space. NOTE: Do not fog BAC-AZAP into areas where people or pets are present. Wait until fog has dissipated before re-entry.

COMPOSTING: Mix 6 to 8 ounces BAC-AZAP per gallon of water. Pour evenly over compost pile 2 times a week. One gallon can treat up to 50 cubic feet of compost. For best results, turn and mix compost pile while adding the BAC-AZAP solution. To speed up the composting process, add 8 ounces BAC-AZAP to 1 gallon of water-soluble fertilizer. Pour over compost pile as described above.

REFUSE CONTAINERS, GARBAGE CANS & DUMPSTERS: Once unit is empty, rinse it with water and liberally spray surfaces with BAC-AZAP. If unit cannot be rinsed with water each time it is emptied, attempt to rinse with water daily or on a regular basis to remove excess soils and debris. Apply BAC-AZAP to the point of surface wetness as often as possible, to control odors and remove organic matter.

WARRANTY DISCLAIMER

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by

applicable law, **EXCEPT AS EXPRESSLY STATED HEREIN, MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use of this product are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of use/application, all of which are beyond the control of the Manufacturer. The buyer/user assumes all such risks.

Limitation of Remedies

The sole and exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR DIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.

It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.



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MATERIAL SAFETY DATA SHEET

BAC-AZAP[®]

Health Emergencies: CHEMTREC[®] (800) 424-9300

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name BAC-AZAP[®]
Description Turbid, straw-colored liquid with fresh fragrance
Company Nisus Corporation
100 Nisus Drive, Rockford, TN USA 37853
Telephone 800-264-0870
Fax 865-577-5825

SECTION 2 - INGREDIENTS INFORMATION

This product is a buffered and preserved aqueous solution containing surfactants, builders, fragrance, and naturally-occurring viable bacterial cultures.

This product does not contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 3 - HEALTH HAZARD INFORMATION

Ingestion: Ingestion of large amounts may cause vomiting and diarrhea.

Skin Contact: Mild skin irritant.

Eye Contact: Moderate irritant.

Inhalation: May cause mild irritation to mucous membranes, nose and throat.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Rinse immediately with plenty of water for several minutes holding the eyelids open.

Skin Contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing.

Inhalation: Move the exposed person to fresh air.

Ingestion: Rinse mouth and throat thoroughly with water and then drink some water to dilute.

SECTION 5 - FIRE AND EXPLOSION DATA

Extinguishing media: Product does not support combustion. Use Foam, Carbon Dioxide, Dry chemical, or Water fog for surrounding fire.

Protective equipment: Wear suitable respiratory equipment when necessary.

Unusual Fire & explosion Hazards: None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear disposable gloves and eye protection.

Environmental precautions: In case of bulk packaging spillage, do not allow large amounts of product to enter drains. Prevent further spillage, if safe.

Clean up methods: For small releases, clean spillage area thoroughly with plenty of water and wash residue to drain. For large releases, dispose in compliance with all federal, state, and/or local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Adopt good chemical hygiene practices when handling, carrying and dispensing.

Storage: Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store the product in containers that are labeled correctly, and keep away from children, food items and drinking water.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limits: None applicable to raw materials in this product.
Engineering measures: Ensure adequate ventilation of the working area.

Respiratory protection: None is required when adequate ventilation is provided.

Hand protection: As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl).

Eye protection: Safety glasses or chemical goggles are recommended.

Protective equipment: Wash all contaminated clothing before re-use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Turbid, straw-colored liquid

Fragrance: Fresh

pH: 6.8 – 8.8

Water solubility: Complete

Boiling Point: 210°F

Flash Point: None

Flammability: Non-flammable

Vapor Pressure: No data available

Specific Gravity: 1.01 – 1.02

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Freezing temperatures or in excess of 120°F.

Hazardous decomposition products: Possible oxides of carbon (CO, CO₂)

Incompatibilities: Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGY

Acute oral LD50: No data available.

Pathogenic Risk: Viable bacterial cultures are Class I and non-pathogenic.

Carcinogenicity: IARC: NO NTP: NO OSHA: NO

SECTION 12 - ECOLOGICAL INFORMATION

Eco-toxicity: This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

SECTION 13 - DISPOSAL CONSIDERATION

General Information: Dispose of in compliance with Federal, State and/or current local authority regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Further information: This product is classified as a non-hazardous liquid for transport.

SECTION 15 - REGULATORY INFORMATION

Preparation does not contain ingredients listed as dangerous substances in Annex 1 of the EEC directive 67/548.

Hazardous Material Information System (HMIS):

Health: 1

Flammability: 0

Physical Hazard: 0

Personal Protection: B

SECTION 16 - OTHER INFORMATION

Warranty Disclaimer

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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2. Replacement of amount of product used.

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