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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

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This information and product are furnished on the condition that the persons receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof.



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