

**MATERIAL SAFETY DATA SHEET – C-101**

Manufactured by: Alklean Industries, Inc.  
2111 Catalina  
Pasadena, TX 77503

Telephone #: 281-479-5966  
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**SECTION I – PRODUCT IDENTIFICATION**

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Product Name: C-101  
Synonyms:  
Chemical Description: Bacterial Mixture, Ingredients not precisely identified are proprietary, or non hazardous.  
Intended Use:

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**SECTION II – HAZARDOUS INGREDIENTS**

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Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
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**SECTION III – PHYSICAL & CHEMICAL PROPERTIES**

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Appearance and Odor: Blue, Liquid, fresh odor.	pH: 8.0-9.0
Boiling Point °F/C: 100 degrees C	Specific Gravity (Water=1): 1.01-1.05
Vapor Pressure (mm Hg):	Melting Point (°F/C):
Vapor Density (Air=1):	Evaporation Rate (Butyl Acetate=1):
Solubility in Water: dispersible	

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**SECTION IV – FIRE AND EXPLOSION HAZARD**

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Flash Point (Method): Not determined	Flammable Limits (LFL/UFL):	Information not available
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Extinguishing Media: Water and Foam are suitable  
Special Fire Fighting Procedures: No special firefighting equipment is needed, however, self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.  
Fire and Explosion Hazards:

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**SECTION V – HEALTH HAZARD AND FIRST AID**

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Routes of Entry (Inhale, Ingest, Skin, Eye): All  
Health Hazard (Acute and Chronic):  
Carcinogen/Details:  
OSHA Regulated?  
**Signs and Symptoms of Exposure:** See "Health Hazard" above  
Medical Conditions Generally Aggravated by Exposure:  
**Emergency and First Aid Procedures:** Ingestion: may lead to nausea or diarrhea. Give two glasses of water to dilute product. Do Not Induce vomiting. Contact Physician. Inhalation: Asthmatic type response with sensitive individuals may occur. Remove to fresh air. Contact Physician. Eye Contact: This material may cause eye irritation. Wash eyes thoroughly. Contact Physician. Skin Contact: Slight redness on hands and forearms. Skin sensitization can develop after repeated and or prolonged contact with human skin.

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**SECTION VI – STABILITY AND REACTIVITY**

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Stability: Stable                      Conditions to Avoid: Acids  
Incompatibles: Strong Acids may inactivate cultures.  
Hazardous Decomposition: None  
Hazardous Polymerization: Will Not Occur                      Conditions to Avoid: Acids

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**SECTION VII – HANDLING AND STORAGE**

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Handling: chemical type face shield recommended  
Respiratory Protection: MSHA-NIOSH approved  
Ventilation:  
Hand Protection: Rubber gloves                      Eye Protection: Safety glasses or goggles  
Other Protective Clothing/Equipment: Rubber apron when handling full strength.  
Work/Hygienic Practices:  
Storage:  
Other Precautions: Keep away from children and untrained personnel.

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**SECTION VIII – SPILL AND DISPOSAL**

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Containment: For small spills, flush to waste treatment sewer (product is biodegradable). For large spills, contain and collect for reuse.  
Clean-Up:  
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.  
Other Emergency Advice:

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**SECTION IX – TRANSPORTING**

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**SECTION X – REGULATORY INFORMATION**

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**SECTION XI – NFPA HAZARD RATINGS**

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Health  
Flammability  
Reactivity  
0 = Minimal                      1 = Slight                      2 = Moderate                      3 = Serious                      4 = Severe

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**SECTION XII – OTHER INFORMATION**

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*This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*

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**SECTION XIII – REFERENCES**

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END