



SAFETY DATA SHEET

BEN-BAC™

Section 1: Identification

Product Identifier	BEN-BAC™
Manufacturer	MICRO-BAC INTERNATIONAL, INC.® 3200 N. IH-35 Round Rock, TX 78681-2410 512 310 9000
Telephone	512 310 9000
Emergency Telephone	None
Recommended Use	Used to control select asphaltenes, enhance flow properties of selected asphaltic oils, and prevent paraffin deposition
Restriction in Use	None

Section 2: Hazard(s) Identification

Hazards	None
Required Label Elements	None

Section 3: Composition/Information on Ingredients

Hazardous Components	None (TSCA 40 CFR 710.4 b)
Common Name	Microbial product: naturally occurring microorganisms

Section 4: First-Aid Measures

Signs and Symptoms of Exposure	May cause gastric and/or intestinal upset
Emergency and First Aid Procedures	Ingestion: do not induce vomiting. Drink plenty of water Eye Contact: flush with clean water for 10 minutes

Section 5: Fire-Fighting Measures

Flash Point	Not Applicable
Flammable Limits	Not Applicable
Extinguishing Media	Not Applicable
Special Fire Fighting Procedures	Not Applicable
Unusual Fire & Explosion Hazards	Not Applicable

Section 6: Accidental Release Measures

Material Release or Spillage	Clean up with soap and water or disinfectant
Waste Disposal Method	Flush with clean water
Work/Hygienic Practices	Routine

Section 7: Handling and Storage

Handling and Storage Precautions	Store in tightly closed original container at temperatures between 13°C to 32°C
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Section 8: Exposure Controls/Personal Protection

Ventilation Protection	None required
Respiratory Protection	None required
Personal Protection	None required but use of gloves and safety glasses is recommended

Section 9: Physical and Chemical Properties

Specific Gravity	1.02
Boiling Point	100°C
Melting Point	0°C
Solubility in Water	Water soluble
Appearance and Odor	Light pink to tan liquid with mild odor

Section 10: Stability and Reactivity

Stability	Stable
Incompatibility	None
Conditions to Avoid	Extreme conditions
Hazardous Decomposition or Byproducts	None

Section 11: Toxicological Information

Routes of Entry	Ingestion and/or eye contact
Carcinogenicity (NTP or IARC)	None