

Advanced BioTech

Developer of MultiFIX[®] and BioWorld Products[®]

SAFETY DATA SHEET

BioWorld[®] Odor Neutralizer (BON-DSA-49)

1: Company Identification

Advanced BioTech LLC
8244 W Hillsdale Ct
Visalia, CA 93290-7899
(559) 651-5050
(559) 583-9041 Fax
<http://www.adbio.com>

2: Hazard Identification

Potential Health Effects:

Eye — Maximum mean irritation score of 4.0/110.0 in unwashed eyes, classifying the product in Toxicity Category III

Skin — Toxicity Category IV for Skin Effects

Ingestion — Toxicity Category IV for Oral LD50

Inhalation — Toxicity Category IV for Inhalation LC50. In extremely rare conditions, individuals with asthma or severe allergies should avoid direct inhalation of product mist or fog.

Chronic (Cancer) Information — Unlikely to present a cancer hazard to humans.

EPA-FIFRA Irritation Test Toxicity Ratings:

Category I — **Danger** – Corrosive (irreversible destruction of ocular tissue) or corneal involvement of irritation persisting for more than 21 days

Category II — **Warning** – Corneal involvement of irritation clearing in 21 days or less

Category III — **Caution** – Corneal involvement of irritation clearing in 7 days or less

Category IV — **Caution** – Minimal effects clearing in less than 24 hours

3: Composition / Information On Ingredients

100% Natural Formulation including Esters, Process Extracts, Product Stabilizers, Odor Neutralizers and H₂O.

4: First Aid Measures

Inhalation — Seek fresh air location. If breathing is difficult, look for primary cause of breathing problem. (BON is non-toxic) Oxygen may be given, preferably with a physician's advice. If not breathing, give mouth-to-mouth artificial respiration. Get medical attention.

Skin or Eye Contact — No known effects. In extremely rare cases, wash with running water.

Ingestion — General precautionary measures suggest giving several glasses of water. Do not give anything to an unconscious or convulsing person. Contact physician if condition persists.

5: Fire Fighting Measures

Non-flammable

Extinguishing Media — Water Spray, dry chemical, foam, CO₂

6: Accidental Release Measures

Safeguards — Review fire fighting measures and handling personnel sections before proceeding with clean-up. Use appropriate personal protective equipment during clean-up.

Contain spill and mop up or vacuum. Dispose of liquid waste according to Federal, State and local regulations.

7: Handling and Storage

Handling — No known effects

Storage — Avoid storing below 32°F or above 120°F. Keep container sealed. May be stored outside.

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8: Exposure Control / Personal Protection

Engineering Controls — Use adequate ventilation to keep employee exposure to airborne concentrations below exposure limits.

Personal Protective Equipment — May wear rubber gloves if desired. In routine operation, no respiratory protection is needed with good ventilation. Use NIOSH approved respirator if adequate ventilation cannot be provided.

Other Precautions — Avoid deodorizing enclosed environments where flammable/explosive (natural gas, LPG methane, petroleum fuels), toxic and carcinogenic substances are or could be present. Do not use BON with toxic or dangerous materials where odor from such materials is the only warning of their presence.

9: Physical and Chemical Properties

Boiling Point — 212°F / 100°C	Vapor Pressure — Not Volatile	Vapor Density — N/A
Solubility in Water — 100%	Specific Gravity — 1.0028	Melting Point — N/A
Evaporation Rate — N/A	Water Reactive — No	Freezing Point - 14°F / -10°C
pH Range — 6 to 8	Appearance and Odor — Cloudy White with Fresh Scent	

10: Stability and Reactivity

Chemical Stability — Stable

Incompatibility with Other Materials — Incompatible with strong oxidizing compounds or reducing agents

Polymerization — Will not occur.

11: Toxicological Information

Mixture not tested but, based on components, may cause irritation to skin and eyes. Ingestion may cause nausea or diarrhea. Inhalation may cause nose and throat irritation. None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

12: Ecological Information

Biodegradable, non-toxic, non-hazardous, non-corrosive, non-pathogenic.

13: Disposal Considerations

Waste Disposal — Treatment, storage, transportation and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Can pour into sewer system or applied to open field.

14: Transport Information

<i>Shipping</i> — Class 55	UN # — N/R	DOT Label — N/R
Oxidizer — No	Poison — No	Flammable — No
Corrosive — No		

15: Regulatory Information

Not classified as hazardous to users or for transport.

US Federal Regulations — CERCLA and SARA Regulations (40 CFR 355, 370 and 3372); Does not contain any chemicals subject to the reporting requirements of SARA 313.

16: Other Information

NPCA-HMIS Rating

Health - 0 Flammability - 0 Reactivity - 0

Personal protection rating to be supplied by user depending on use conditions.

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State Right-to-Know Laws — No substances on the state hazardous substances list are used in the manufacture of products on this Safety Data Sheet. While we have not specifically analyzed these products, the raw materials used in their manufacture, to the best of our knowledge, the products on this MSDS contain no such substances except for those specifically listed.

Warning — Substances known to the state of California to cause cancer, birth defects or other reproductive harm **do not** exist in the product.

The information is furnished free of charge, independent of any sale, and for your independent verification. Although we believe the data to be correct as of the date indicated, we make no representation as to the accuracy and such information may not be valid when the product is used in any process or combined with other materials. No representations, guarantees, or warranty, either expressed, implied, or of any nature, are made with respect to the product or date provided.