

PRODUCT SALES SHEET

8708-004, 8708-005
Baad Bugs Bilge Cleaner

™

Description

- ◆ Fast-acting, microbial bilge cleaner cleans, deodorizes and digests hydrocarbons in bilges.
- ◆ Ground-breaking Microbe Technology remediates hydrocarbons into water and carbon dioxide.
- ◆ Quickly breaks down grease, oil, fuel, sludge, grime and other contaminants.
- ◆ Reduces BOD's, COD's and suspended solids.
- ◆ Eliminates source of explosive fumes.
- ◆ Eliminates algae, fungi and other organic substances.
- ◆ Removes existing deposits and prevents further scum accumulations.
- ◆ Eliminates foul odors, leaving bilge smelling clean.
- ◆ Flushes quickly and easily.
- ◆ Easy-to-use -- pour in, run boat and drain.
- ◆ Non-toxic to wildlife, aquatic life, plant life and humans.
- ◆ Water and bio-based, all-natural without any phosphates.

Technical Information

Usage	Dilution Ratio	Concentrate
Physical Properties	Appearance	Liquid
	Color	Amber
	Fragrance	None
	pH	7
	Phosphate Content	None
	Shelf Life	Minimum 3 Year

Technology

Bioremediation is the application of biological microbes for the clean-up of hydrocarbons resulting in a safe, efficient and cost-effective solution. Bioremediation uses microbes, enzymes, oxygen and other nutrients to chemically transform oil into carbon dioxide and water. **Baad Bugs Bilge Cleaner™** increases the surface area of the oil while the enzymes break down the contaminants into smaller molecules. The enzymes then attract the microbes and consume the oil leaving only water and carbon dioxide as by-products. Once the reaction is complete, the enzymes break free to attach to another hydrocarbon source in order to repeat the same reaction.

Usage Guide

Apply one gallon for every 50 gallons of bilge water. Run boat normally for one day and drain. The rolling action of the boat washes the bilge and adds oxygen to aid in digesting hydrocarbons. Pump out and dispose of in an approved manner.

Bioremediation, Inc.
PO Box 6129 • Southbend, IN 46617
(888)–242–2898

Baad Bugs Bilge Cleaner TM

Material Safety Data Sheet

BIOREMEDIATION INC. CHEMTREC: 800-424-9300
 CORPORATE: 888-242-2898 HAZARD RATING
 P.O. BOX 6129 1= Slight
 SOUTHBEND, IN 46617 2= Moderate
 3= High
 4= Extreme
 0= Insignificant

DATE PREPARED: 6/8/07
 DATE REVISED: 6/8/07
 DATE OF ORIGINATION: 6/8/04

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E	B

I. PRODUCT IDENTIFICATION:

BioRem-2000 Bilge CleanerTM

COMMON NAME: CLEANING COMPOUND
 GENERIC NAME: CLEANER
 CHEMICAL: MIXTURE

II. HAZARDOUS INGREDIENTS:

Ingredients	CAS	%	OSHA PEL	ACGIH TLV
DOES NOT CONTAIN ANY HAZARDOUS INGREDIENTS				

III. PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT:	212	APPEARANCE:	AMBER
SPECIFIC GRAVITY:	1.0031	FORM:	LIQUID
MELTING POINT:	N/D	ODOR:	BLAND
EVAPORATION RATE:	N/D	VAPOR DENSITY:	N/D
SOLUBILITY (H ₂ O, 25C):	Soluble	pH:	7
VOLATIZES CONTENT:	0	VOC (g/L)	0

IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: DEGREES More than 300F
 LEL: N/D
 UEL: N/D
 Autoignition Temperature: N/D
 Extinguishing Media: Product is water-based and will not support flames.
 Unusual Fire/Explosion Hazards: Closed containers exposed to heat may rupture due to pressure buildup.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, hydrocarbons, steam.

V. REACTIVITY:

STABILITY: Stable
 CONDITIONS TO AVOID: None known

VI. HEALTH HAZARDS:

ROUTES AND INDICATIONS OF EXPOSURE

EYES: May cause irritation to eyes.
 SKIN: Good industrial hygiene recommended.
 INHALATION: N/A
 INGESTION: May cause irritation.
 TOXICITY DATA: None as listed by OSHA, NTP, IARC or EPA

EMERGENCY FIRST AID:

EYES: Flush eyes for fifteen minutes with water.
 SKIN: Wash exposed areas with soap and water.
 INHALATION: Remove victim to fresh air or oxygen supply. Seek medical attention if breathing difficulty persists.
 INGESTION: If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting.

VII. SPILL, DISPOSAL PROCEDURES AND PRECAUTIONS:

HANDLING: Keep closed when not in use. Store at room temperature. Prevent product from freezing. Follow MSDS and Label warnings even after package is empty.
 Material Spillage: Contain, retrieve spilled materials (absorb, pump, vacuum)
 WASTE DISPOSAL: This material is NOT defined as hazardous by the Resource Conservation and Recovery Act. It is the product users responsibility to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 FR 261020-40). Spill and releases of this material are not reportable under S.A.R.A. (III) Sec. 313.

VIII. PERSONAL PROTECTIVE EQUIPMENT (P.P.E.):

PROTECTIVE EQUIPMENT: Wear safety glasses and gloves.
 RESPIRATORY PROTECTION: General ventilation recommended.
 ENGINEERING CONTROLS: Keep containers closed when not in use. Do not handle or store near strong oxidants.
 PERSONAL HYGIENE: Cleanse skin thoroughly after contact.

IX. REGULATORY INFORMATION:

D.O.T. SHIPPING NAME: NON-REGULATED
 D.O.T. HAZARD CLASSIFICATION: N/A
 S.A.R.A. III Sec. 311 & 312: N/A
 S.A.R.A. III Sec. 313: NOT covered under Sara 313
 R.C.R.A.: NO
 TSCA Registry: YES

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