



ISSUE DATE September 2013

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VERSION 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME Bio Buster

OTHER MEANS OF IDENTIFICATION

SDS Number E-115

UN/ID Number

Product Code A32

Recommended Uses Water Based Malodor Eliminator

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889

COMPANY FAX NUMBER (716) 854-2809

24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)

NORTH AMERICA 1-800-633-8253

INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

HAZARD STATEMENTS 1. Causes severe skin burns and eye damage
2. Harmful if swallowed

APPEARANCE LIGHT GREEN PHYSICAL STATE LIQUID

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

EYE CONTACT	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists.
SKIN CONTACT	Flush with water for 15 minutes. Get medical attention if irritation develops or persists.
INHALATION	Remove person to fresh air.
INGESTION	Give two large glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS May be irritating to skin and eyes.

NOTES TO PHYSICIAN Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA Not determined

SPECIFIC HAZARDS ARISING FROM CHEMICAL Combustion products may be toxic.

HAZARDOUS COMBUSTION PRODUCTS Hazardous Combustion Products.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS	Use personal protection recommended in Section 8.
ENVIRONMENTAL PRECAUTIONS	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION	Prevent further leakage or spillage is safe to do so
CLEAN-UP	Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.
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CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at room temperature.
INCOMPATIBLE MATERIALS	Chlorine bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

No exposure limits noted for ingredient(s). The following information is given as general guidance

ENGINEERING CONTROLS	Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.
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INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Wear approved safety goggles.
SKIN/BODY PROTECTION	Wear rubber gloves or other impervious gloves.
RESPIRATORY PROTECTION	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPERANCE	Clear Liquid
COLOR	Light Green
ODOR	Lemon
ODOR THRESHOLD	Not determined
pH	7.2 ± 0.2 (conc)
MELTING POINT/FREEZING POINT	7.0 ± 0.2 (1:16 dilution)
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	100°C/ 212° C
EVAPORATION RATE	None
FLAMMABILITY (SOLID, GAS)	1.0
UPPER FLAMMABILITY LIMITS	N/A
LOWER FLAMMABILITY LIMITS	N/A
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.01
RELATIVE DENSITY	No data available
WATER SOLUBILITY	Infinite
PARTITION COEFFICIENT	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	Not determined

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions
CHEMICAL STABILITY	Stable under recommended storage conditions
HAZARDOUS POLYMERIZATION	Hazardous polymerization does not occur
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing
CONDITIONS TO AVOID	Keep separated from incompatible substances Keep out of reach of children
INCOMPATIBLE MATERIALS	Chlorine bleach
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT Avoid contact with eyes.
SKIN CONTACT Avoid contact with skin.
INHALATION Avoid breathing vapors or mists.
INGESTION Do not ingest.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Ethoxylated Nonylphenol (9016-45-9)	= 1310 mg/kg (Rat)	= 2 mL/kg (Rabbit)	-

SYMPTOMS Please see section 4 of this SDS for symptoms.

CARCINOGENICITY This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

NUMERICAL MEASURES OF TOXICITY-PRODUCT Not determined.

12. ECOLOGICAL INFORMATION

ECOTOXICITY An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

COMPONENT INFORMATION Not determined

PERSISTENCE AND DEGRADABILITY Not determined

BIOACCUMULATION Not determined

MOBILITY Not determined

OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.

CONTAMINATED PACKAGING Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Please see current shipping paper for most up to date shipping information, including, exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

All ingredients are listed or exempt from listing on Chemical Substance Inventory

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CLEAN WATER ACT (CWA)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

U.S. STATE REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	1	0	0	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET