

MATERIAL SAFETY DATA SHEET



Date Issued: 03/10/2006
 MSDS No: TerraLOC®
 Date-Revised: 05/16/2011
 Revision No: 11

TerraLOC FOB, FOB-T, FOB-D, 16P, 16D and 16T

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TerraLOC FOB, FOB-T, FOB-D, 16P, 16D and 16T

MANUFACTURER

MonoSol, LLC
 TerraLoc
 1701 County Line Road
 Portage IN 46368
Service Number: (219) 762-3165

24 HR. EMERGENCY TELEPHONE NUMBERS

24-Hour Emergency Hotline - CHEMTREC:
 From outside the U.S.: 00 +1.703.527.3887
 From within the U.S.: 1.800.424.9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Slightly viscous liquid.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: Not Listed by NTP, IARC or OSHA.

ROUTES OF ENTRY: Eyes, skin, ingestion and inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt. % |
|--|-------|
| Water-based non-hazardous proprietary solution | 100 |

4. FIRST AID MEASURES

EYES: Flush eyes with plenty of water. If irritation develops, seek medical attention.

SKIN: Remove from skin with soap and water.

INGESTION: If a large amount is ingested, seek medical attention.

INHALATION: It is advisable to wear a particle mask when working in areas with a high concentration of

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airborne respirable droplets.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is aqueous based, and is not flammable. Use the extinguishing media most appropriate to the surrounding materials.

FIRE FIGHTING PROCEDURES: This product is a nonflammable substance. However, hazardous decomposition and combustion products may be formed in a fire situation.

6. ACCIDENTAL RELEASE MEASURES

COMMENTS: Spill response: If spilled indoors, obtain approval from local wastewater treatment plant to rinse down the drain. If spilled outside, either recover product, or flush area with water to dilute and disperse. If in an area where you do not desire dust control, absorb material and dispose of according to local, state, and federal regulations.

7. HANDLING AND STORAGE

STORAGE: Avoid freezing. If possible, store at room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Although this product is non-hazardous, it is safe practice to wear safety glasses and a particulate mask when working around a high concentration of airborne droplets.

SKIN: Gloves are not required under normal conditions. Take into consideration how the product is being used and hazards associated with other materials used in conjunction with this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE COMMENTS: Colorless or slightly yellow water-soluble liquid with slight fatty odor; pH 7-8.

SPECIFIC GRAVITY: 1.05 g/cc

COMMENTS: VOC content: <10 ppm (<0.001%)

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10. STABILITY AND REACTIVITY

STABILITY: The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Temperatures above 200° C (392° F).

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating and toxic fumes at elevated temperatures from burning, heating or reaction with other materials.

INCOMPATIBLE MATERIALS: Oxidizing agents (i.e. perchlorates, nitrates etc.)

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Notes: Not listed by IARC, NTP, or OSHA as a carcinogen.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Product is water-soluble and non-hazardous. Product is normally accepted by local wastewater treatment plants. Obtain prior approval before disposal. For large quantities: reclaim, dilute and disperse (if in dust suppressant application area), or absorb and place in waste containers for disposal.

14. TRANSPORT INFORMATION

COMMENTS: Not regulated by DOT, IATA, IMDG, or ADR.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

TITLE III NOTES: No SARA 311, 312 or 313 hazards.

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TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: We certify that all components are either on the TSCA inventory or qualify for an exemption.

16. OTHER INFORMATION

REASON FOR ISSUE: revision

APPROVED BY: David M. Lee, Ph.D. **TITLE:** Director of Research & Development

PREPARED BY: Melanie C. Kroczek, CHMM

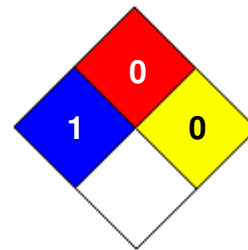
INFORMATION CONTACT: Melanie C. Kroczek

REVISION SUMMARY: Revision #: 11. This MSDS replaces the March 31, 2009 MSDS., , , Any changes in information are as follows: In Section 1: Approved byIn Section 2: Emergency Overview - Immediate ConcernsIn Section 5: Extinguishing MediaIn Section 11: Eye Effects, Skin EffectsIn Section 12: Comments

HMIS RATING

| | |
|-----------------------------|----------|
| HEALTH: | 1 |
| FLAMMABILITY: | 0 |
| PHYSICAL HAZARD: | 0 |
| PERSONAL PROTECTION: | B |

NFPA CODES



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