

MATERIAL SAFETY DATA SHEET

Microfoam EF

FILE NO.: PNG0189
MSDS DATE: 6/08
P/N: 17018008

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MicrofoamEF

SYNONYMS:

PRODUCT CODES: PNG0189

MANUFACTURER: B&G Equipment Company

DIVISION:

ADDRESS: 135 Region South Drive
Jackson, GA 30233

EMERGENCY PHONE: 800.544.8811

CHEMTREC PHONE:

OTHER CALLS: 678.688.5601

FAX: 678.688.5633

CHEMICAL NAME: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

PRODUCT USE: Foaming agent for microbial transfer

PREPARED BY: Joe Malinowski

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>%WT</u> |
|-------------------|----------------|------------|
| Trade secret | - | 0-10% |
| Trade secret | - | 0-10% |
| Trade secret | - | 0-10% |
| Trade secret | - | 10-20% |
| Trade secret | - | 10-20% |
| Trade secret | - | 60-70% |

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Irritant

ROUTES OF ENTRY: Eye Contact, Skin Contact

POTENTIAL HEALTH EFFECTS

EYES: Irritation may occur

SKIN: Slight Irritation may occur

INGESTION: May be harmful if swallowed

INHALATION: May cause irritation of respiratory tract

ACUTE HEALTH HAZARDS:

CHRONIC HEALTH HAZARDS: Prolonged contact may cause persistent irritation or dermatitis

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with breathing disorders may be affected by vapors or airborne particles

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with water. If irritation persist seek medical attention.

SKIN: Remove contaminated clothing. If skin contact occurs flush with plenty of water.

INGESTION: Drink 1-2 glasses of water do not induce vomiting. Consult physician.

INHALATION: Move to fresh air.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No special instructions.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER:

FLASH POINT: N/A

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: N/A

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:1 FLAMMABILITY:0 REACTIVITY:0

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:1 FLAMMABILITY:0 REACTIVITY:0

PROTECTION:

EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT enter fire area without proper protection. Heat may build pressure and rupture closed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 5 NOTES: Non-flammable water soluble

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Limit area to qualified personnel. Absorb all material with Dri-Sorb or other type of absorbent. Scoop or scrape up all material and place improper receptacle.

SECTION 7: HANDLING AND STORAGE

Handle in accordance to good industrial hygiene and safety practice. Store containers between 40F and 100F. Store away from strong oxidizing agents.

OTHER PRECAUTIONS: Avoid contact with eyes.
KEEP AWAY FROM CHILDREN

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation in confined areas.

VENTILATION: Normal

RESPIRATORY PROTECTION: No special requirements

EYE PROTECTION: Chemical goggles

SKIN PROTECTION: Chemical resistant clothing or gloves when processing bulk amounts over 50 gallons.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WORK HYGIENIC PRACTICES: Where gross exposure is experienced use good hygiene practices.

EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear green liquid

ODOR: Fragranced

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 7.0

pH (other):

BOILING POINT: F: 220

C: 104

MELTING POINT: N/A

FREEZING POINT: N/A

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES - cont.

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H₂O = 1): 1.04 F: 72 C: 23

EVAPORATION RATE: N/A

BASIS (=1):

SOLUBILITY IN WATER: Complete

PERCENT SOLIDS BY WEIGHT: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

MOLECULAR WEIGHT: N/A

VISCOSITY: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE UNSTABLE
X

CONDITIONS TO AVOID (STABILITY): Strong acids and temperature > 200F

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID POLYMERIZATION: N/A

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

| Component | LD50 oral | LC50 Inhalation | LD50 dermal |
|--------------|------------------|-----------------|-------------|
| Trade Secret | 4900 mg/kg (Rat) | - | - |
| Trade Secret | 3300 mg/kg (Rat) | - | - |
| Trade Secret | 1288 mg/kg (Rat) | - | - |

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

SECTION 12 NOTES: This surfactant complies with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of material in accordance to all State, Local and Federal regulations.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning compound, NOI, Liquid

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME: Cleaning compound, NOI, Liquid

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS: N/A

AIR TRANSPORTATION

PROPER SHIPPING NAME: Cleaning compound, NOI, Liquid

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS: N/A

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Excluded

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Excluded

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Excluded

311/312 HAZARD CATEGORIES: Excluded

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS:

Subject to the reporting requirements under the Massachusetts Hazardous List.
Subject to reporting under the New Jersey right to know Hazardous Substance List.
Subject to the Pennsylvania Hazardous Substance List.

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTIONS 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: Update MSDS

DISCLAIMER:

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. Nothing herein is intended to be construed as permission or recommendation for use of the product in any manner which might infringe existing patents.



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