SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Microfoam EF
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

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>% WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade secret</td>
<td>-</td>
<td>0-10%</td>
</tr>
<tr>
<td>Trade secret</td>
<td>-</td>
<td>0-10%</td>
</tr>
<tr>
<td>Trade secret</td>
<td>-</td>
<td>10-20%</td>
</tr>
<tr>
<td>Trade secret</td>
<td>-</td>
<td>10-20%</td>
</tr>
<tr>
<td>Trade secret</td>
<td>-</td>
<td>60-70%</td>
</tr>
</tbody>
</table>

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.


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

FLASH POINT: N/A

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 in improper receptacle.

SECTION 7: HANDLING AND STORAGE

Handle in accordance to good industrial hygiene and safety practices. 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

BOILING POINT: F: 220 C: 104

MELTING POINT: N/A

FREEZING POINT: N/A
### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES - cont.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAPOR PRESSURE (mmHg)</td>
<td>N/A</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H2O = 1)</td>
<td>1.04 F: 72 C: 23</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>N/A</td>
</tr>
<tr>
<td>BASIS (=1)</td>
<td></td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Complete</td>
</tr>
<tr>
<td>PERCENT SOLIDS BY WEIGHT</td>
<td>N/A</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC)</td>
<td>N/A</td>
</tr>
<tr>
<td>MOLECULAR WEIGHT</td>
<td>N/A</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### SECTION 9 NOTES:

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:**

<table>
<thead>
<tr>
<th>Stable</th>
<th>Unstable</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**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:**

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LC50 Inhalation</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret 4900 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Trade Secret 3300 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Trade Secret 1288 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

### 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 STATEMENTS:** 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

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