SAFETY DATA SHEET

1. Identification

Product identifier MI-GLOW® ANTIFOAM 3
Other means of identification Not available.
Recommended use Non-destructive testing.
Recommended restrictions None known.
Manufacturer / Importer / Supplier / Distributor information
- Company name Circle Systems, Inc.
- Address 479 West Lincoln Ave.
P.O Box 1228
Hinckley, IL 60520
- Telephone 815-286-3271
- E-mail customerservice@circlesafe.com
- Emergency phone number Chem-tel 800-255-3924 (US & Canada); +1-813-248-0585 (International)

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Not classified.
OSHA defined hazards Not a hazardous substance or mixture.
Label elements

Signal word No signal word.
Hazard statement No known significant effects or critical hazards.
Precautionary statement
- Prevention Not applicable.
- Response Not applicable.
- Storage Store away from incompatible materials.
- Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Trade Secret</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Polyoxyethylene monostearate</td>
<td>Trade Secret</td>
<td>&lt; 2.5</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion
Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Get medical attention if symptoms occur. DO NOT induce vomiting.

General information
Treat symptomatically. Contact poison treatment specialist immediately if large quantities were ingested or inhaled.

5. Fire-fighting measures

Suitable extinguishing media
- Water fog
- Foam
- Dry chemical powder
- Carbon dioxide (CO2)

Unsuitable extinguishing media
- Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
- Do not allow run-off from fire-fighting to enter drains or water courses. Decomposition products may include: carbon dioxide, carbon monoxide, silicon oxides.

Special protective equipment and precautions for firefighters
- Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
- In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
- Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Do not touch or walk through spilled material. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up
- Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
- Small Spills: Wipe up with absorbent material (e.g. cloth, fleece) or dilute with water and mop up if water soluble. Clean surface thoroughly to remove residual contamination.
- Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
- Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling
- Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid breathing mist/vapors/spray. Use with adequate ventilation. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
- Keep container tightly closed. Store in a cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyoxyethylene monostearate</td>
<td>TWA</td>
<td>10 mg/m3</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
- No special ventilation requirements. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection
- Wear safety glasses with side shields (or goggles).

Skin protection
Hand protection
- Wear protective gloves.

Other
- Wear suitable protective clothing.
Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Physical state: Liquid.
Form: Liquid.
Color: White.
Odor: Faint odor.
Odor threshold: Not available.
pH: Not available.
Melting point/freezing point: 0°C (32.00°F)
Initial boiling point and boiling range: 100°C (212.00°F)
Flash point: >100°C (212.00°F)
Evaporation rate: Not available.
Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits
- Flammability limit – lower (%): Not available.
- Flammability limit – upper (%): Not available.
- Explosive limit – lower (%): Not available.
- Explosive limit – upper (%): Not available.

Vapor pressure: <26.6 hPa @ 20°C (68.00°F)
Vapor density: Greater than 1 (Air = 1)
Specific Gravity: 1.008 (25 °C (77.00 °F))
Solubility(ies): Dispersible in water.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

Other information
VOC: 4.92 g/L

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
No specific data.

Incompatible materials
No specific data.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Acute toxicity
Not classified based on available information.

Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Not classified based on available information.
Respiratory sensitization  Not classified based on available information.
Skin sensitization  Not classified based on available information.
Germ cell mutagenicity  Not classified based on available information.
Carcinogenicity  This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity  Not classified based on available information.

<table>
<thead>
<tr>
<th>Specific target organ toxicity – single exposure</th>
<th>Product/ingredient name</th>
<th>Category</th>
<th>Route of Exposure</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Polyoxyethylene monostearate</td>
<td>Category 3</td>
<td>Respiratory tract irritation</td>
<td></td>
</tr>
</tbody>
</table>

Specific target organ toxicity – repeated exposure
Aspiration hazard  Not classified based on available information.

12. Ecological information

- **Ecotoxicity**: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- **Persistence and degradability**: No data is available on the degradability of this product.
- **Bioaccumulative potential**: No data available for this product.
- **Mobility in soil**: Not available.
- **Other adverse effects**: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

- **Disposal instructions**: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Waste from residues / unused products**: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

14. Transport information

- **DOT**: Not regulated as a hazardous material by DOT.
- **IATA**: Not regulated as dangerous goods.
- **IMDG**: Not regulated as dangerous goods.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: This substance/mixture is not intended to be transported in bulk.

15. Regulatory information

- **US federal regulations**: All components are on the U.S. EPA TSCA Inventory List. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt D)**: Not regulated.
- **CERCLA Hazardous Substance List (40 CFR 302.4)**: Not listed.
- **Superfund Amendments and Reauthorization Act of 1986 (SARA)**:
  - **Hazard Categories**: Immediate Hazard – No, Delayed Hazard – No, Fire Hazard – No.
Pressure Hazard – No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance
SARA 311/312 Hazardous chemical
SARA 313 (TRI reporting)
Not applicable.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Food and Drug Administration (FDA)
Not regulated.

US state regulations
US California Proposition 65
This product does not contain a chemical known to the State of California to cause cancer.

US - California Proposition 65 – Carcinogens & Reproductive Toxicity (CRT): Listed substance

International Inventories
Country(s) or region
Australia
Canada
China
Europe
Japan
Korea
New Zealand
Philippines
United States & Puerto Rico
Inventory name
Australian Inventory of Chemical Substances (AICS)
Domestic Substances List (DSL)
Inventory of Existing Chemical Substances in China (IECSC)
Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
Inventory of Existing and New Chemical Substances (ENCS)
Existing Chemicals List (ECL)
New Zealand Inventory
Philippine Inventory of Chemicals and Chemical Substances (PICCS)
Toxic Substances Control Act (TSCA) Inventory
On inventory (yes/no)*
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

* A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s).
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision
Issue date 19-May-2015
Revision date 06-October-2017
Version # 02

List of abbreviations
TWA: Time weighted average.

References
HSDB® - Hazardous Substances Data Bank

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