



One AquaSource

MATERIAL SAFETY DATA SHEET

HP-9899

1. Material Identification

| | |
|------------------------|-------------------------------------|
| Manufacturer's Name | One AquaSource, Inc. |
| Manufacturer's Address | P.O.Box 207 Waterville, OH 43566 |
| Manufacturer's Phone | 888.777.9555 |
| Product Name | HP-9899 |
| Chemical Name | Microemulson surfactant |
| Current Issue Date | March 21, 2011 |

2. Hazardous Ingredients

| <u>component</u> | <u>CAS. NO.</u> | <u>%</u> | <u>TWA Ceiling</u> | <u>Reference</u> |
|------------------|-----------------|----------|--------------------|------------------|
| none | | | | |

3. Health Hazards

| | |
|------------|-------------------------------------------------------------------------------------------------------------|
| Inhalation | Mist if formed may irritate respiratory tract, dizziness, shortness of breath and coughing. |
| Ingestion | Harmful if ingested. May irritate gastro intestinal tract, abdominal pain, nausea, dizziness, and vomiting. |
| Skin | May cause irritation, especially after prolonged or repeated contact |
| Eyes | May cause irritation, especially after prolonged or repeated contact |
| Other | Spills produce slippery surfaces |

4. First Aid Measures

| | |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Eyes & Face | Immediately flush with water for at least 15 minutes, especially under the eyelids. Seek medical attention |
| Skin | Flush with soap and water for at least 15 minutes. If irritation persists seek medical attention |
| Inhalation | Move to fresh air. Apply mouth to mouth respiration if not breathing. Administer oxygen if troubled breathing. Seek immediate medical attention |
| Ingestion | Do not induce vomiting. Seek medical attention |

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5. Fire & Explosion Hazard

| | |
|---------------------------------|----------------|
| Flash Point | Not Applicable |
| Auto Ignition Temperature | Not Applicable |
| Upper flammability limit in air | Not Flammable |
| Lower flammability limit in air | Not Flammable |
| Unusual Fire Hazard | None |
| Unusual Explosion Hazard | None known |

6. Precautions & Procedures

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Fire Extinguishing Agents | Foam, water spray, carbon dioxide or dry chemical |
| Fire Extinguishing Agents to Avoid | None |
| Special Fire Fighting | No special protective equipment is required. Spills produce slippery surfaces. |
| Ventilation | Local exhaust if enclosed or if mist conditions prevail. If not, natural ventilation is adequate |
| Normal Handling | Avoid contact with skin, eye or clothing. Do not inhale mists. |
| Storage | Store above freezing point of water and below 40C |
| Leak & Spill Procedures | Dike and absorb spill material with inert material. Do not allow spills to enter water ways. Do not flush with water. |
| Special Precautions | Contaminated surfaces can be slippery |
| Special Procedures | Wash hands before breaks and immediately after handling |
| Label Instructions | Material and its solutions are slippery |
| Signal Word | Caution |

7. Personal Protective Clothing

| | |
|------------------------|-----------------------------------|
| Respiratory Protection | If mist occurs wear respirator |
| Eyes & Face | Full face shield |
| Hands, Arms & Body | Rubber gloves, rubber apron |
| Other | Eye wash, and quick drench shower |

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8. Physical Data

| | |
|---------------------|---------------------------------|
| Physical State | Viscous liquid |
| Appearance and Odor | Pale yellow/amber, organic odor |
| Boiling Point | >100 degrees C |
| Specific Gravity | 1.00 – 1.03 |
| Viscosity | Not Determined |
| Vapor Pressure | Not Determined |
| Solubility in Water | Complete |
| pH | 6.0 ± 2 |
| Evaporation Rate | <1 |

9. Reactivity Data

| | |
|--------------------------|----------------|
| Shelf Life | Stable |
| Conditions to Avoid | None |
| Incompatibility | None known |
| Hazardous Polymerization | Will not occur |

10. Environmental

| | |
|------------------|------------------------------------|
| Degradability | Biodegradable |
| Aquatic Toxicity | Not Determined |
| Waste Disposal | Incinerate or in chemical landfill |
| RCRA Status | Not hazardous |

11. HMIS and NFP Ratings

| | NFTP |
|--------------|-------------|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |