

**MATERIAL SAFETY DATA SHEET**

**FIVE STAR AFFILIATES, INC.**  
**6731 E. 50<sup>TH</sup> AVENUE**  
**COMMERCE CITY, CO. 80022**

**PHONE: 303-287-0186**  
**MSDS DATE: 12-10-10**  
**REPLACES: 1-04-99**

---

**IDENTIFICATION**

**PRODUCT NAME:** KETTLE DEFOAMER 105 (KFO™ 105)  
**COMPOSITION:** 10% Silicone, 10% Nonionic Surfactant

---

All ingredients in this product are listed in the T.S.C.A. inventory. No hazardous ingredients known at this time.

---

**PHYSICAL DATA**

**APPEARANCE:** White emulsion  
**V.O.C.:** None  
**VAPOR DENSITY:** Non Volatile  
**WGT. PER GALLON:** 8.33 pounds

**LIQUID DENSITY:** Same as Water  
**BOILING POINT:** 100-245°C  
**SPECIFIC GRAVITY:** 1.0

---

**FIRE AND EXPLOSION DATA**

**FLAMMABILITY CLASS:** IIIB  
**FLASH POINT:** >200°F  
**EXTINGUISHING MEDIA:** Water spray, Carbon Dioxide, Dry Chemical, Foam  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear a positive pressure, self-contained breathing apparatus.  
**HAZARD RATING:** Health-0; Fire-1; Reactivity-0; Personal Protection-B

---

**HEALTH HAZARD DATA**

**PERMISSIBLE EXPOSURE LEVEL:** None established  
**EFFECTS OF OVEREXPOSURE:** May cause slight transient eye and/or skin irritation.

---

**EMERGENCY AND FIRST AID PROCEDURES**

**INHALATION:** Remove to fresh air.  
**INGESTION:** DO NOT INDUCE VOMITING. Get medical attention.  
**SKIN CONTACT:** Wash thoroughly with soap and water.  
**EYE CONTACT:** Flush eye with cool running water for at least 15 minutes. If irritation occurs or persists, consult a physician.

---

**SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None required under normal conditions of handling and storage.  
**VENTILATION SYSTEM:** Adequate general area and local exhaust ventilation.  
**SKIN PROTECTION:** If skin or contamination of clothing is likely, protective clothing should be worn.  
**EYE PROTECTION:** Chemical goggles are required.  
**PROTECTIVE GLOVES:** Wear chemical resistant gloves.  
**OTHER PROTECTIVE INFORMATION:** Eyewash station and safety shower. Store in a cool, dry place. Observe good industrial hygiene practices. Keep containers closed when not in use.

---

**REACTIVITY DATA**

<b>STABILITY:</b>	Product is stable.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Silicon dioxide, carbon monoxide and carbon dioxide.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>INCOMPATIBILITIES:</b>	Strong oxidizers.

---

**SPILL OR LEAK PROCEDURES**

<b>SPILL:</b>	Dike around large spills to prevent spreading. Collect spilled liquid using an inert chemical absorbent. Place used absorbent and liquid in secure containers for disposal.
<b>WATER DISPOSAL:</b>	Dispose of in accordance with all applicable federal, state, and local regulations.

---

**EMERGENCY TELEPHONE: INFOTRAC 1-800-535-5053**