



## SPECIALIZED LUBRICANTS

### 1. Substance/Product Identification

**Product Name:** MWF Antifoam Concentrate

**Company/Address:** 102 Barton St  
Saint Louis, Missouri, 63104  
USA

**Synonyms:**

**Preparation/Revision Date:** December 19, 2013

**Product Use/Type:** Metalworking Fluid

**Emergency Phone Number:** +1 314 865-4105 (24-hour response number)  
+ 1 314 865-4100 (Business hours 8:30AM-5:00PM)  
1-800-325-9962 (US & Canada)

**Website:** [www.schaefferoil.com](http://www.schaefferoil.com)

**MSDS Number:** MWF Antifoam Concentrate Version 1.0

### 2. Hazards Identification

**Appearance:** White

**Odor:** Characteristic

**Principal Hazards:** Eye, ingestion and upper respiratory irritation.

**Prevention:** Wear eye or face protection. Wash hands thoroughly after handling. Avoid breathing mist or vapor.

**Response:**

**Eyes:** may cause irritation (tears, blurred vision, and/or redness). Flush eyes with water for at least 15 minutes. Seek medical attention.

**Ingestion:** may cause irritation to the mouth, throat or stomach. May cause nausea, diarrhea or vomiting. If ingested, DO NOT INDUCE VOMITING. If symptoms persist, consult a doctor.

**Inhalation:** If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Seek medical attention if breathing becomes difficult or symptoms persist. Inhalation of diluted mix can occur in applications where high mist levels are generated. OSHA has set a PEL of 15 mg/m<sup>3</sup> for any airborne particulate as a nuisance level of exposure. Extended exposure to mists may cause upper respiratory irritation. Remove victim to fresh air, and administer oxygen if needed.

**Hazardous Materials Information System  
(U.S.A.)**

**Health:** 1

**Fire:** 1

**Reactivity:** 0

**National Fire Protection Agency System  
(U.S.A.)**

**Health:** 1

**Fire:** 1

**Reactivity:** 0

See Section 11 for complete health hazard information

**Product Name: MWF Antifoam Concentrate**

### **3. Composition and Information on Ingredients**

**Hazardous Ingredients: None**

### **4. First Aid Measures**

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately

**Skin:** Remove contaminated clothing and wash before reuse. Wash skin with large amounts of soap and water. Seek medical attention if irritation or rash develops.

**Ingestion:** Do not induce vomiting. Do not administer anything by mouth to an unconscious person. If conscious, offer water to drink. Seek medical attention immediately.

**Inhalation:** Remove victim to fresh air. If breathing becomes difficult administer oxygen if needed. If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Seek medical attention immediately if breathing becomes difficult or symptoms persist.

### **5. Fire Fighting Measures:**

**Flash Point:** 185 °F (85°C)

**Extinguishing Media:** Use dry chemical foam, carbon dioxide, or water-spray

**Firefighting Procedures:** As in any fire wear a self contained breathing apparatus pressure demand, MSHA/NIOSH (Approved or Equivalent) and full protective gear. Fight larger fires with water spray or alcohol resistant foam.

**Unusual Fire & Explosion:** None expected

**Hazards:** None determined

### **6. Accidental Release Measures**

**Spill Procedures and Clean up methods:** Use absorbent materials to contain spill. Collect used absorbent material and discard as dictated by Federal, State and local laws and regulations. Keep out of sewers and watercourses

**Personal Precautions:** Wear appropriate personal protective equipment when cleaning up a spill

**Environmental Precautions:** None currently known

### **7. Handling & Storage**

**Handling:** Avoid all contact of product with eyes and skin. Wash thoroughly after handling and before eating, smoking or using toilet facilities. Do not swallow or inhale vapors. Do not eat, drink or smoke in work areas.

**Storage:** Do not store product concentrate at elevated temperatures. Do not store near food or feed products. If product is frozen the stability can be compromised. Thaw completely and evaluate

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**8. Exposure Controls and Personal Protection**

**Respiratory Protection:** In applications containing time weighted exposures ( $0.5$  To  $5 \text{ mg/m}^3$ ) NIOSH recommends that inhalation can be reduced through improved ventilation or a mist collection process. In the event that these methods are not applicable NIOSH recommends the use of an air purifying half-mask respirator, standard or disposable, equipped with any P or R series particulate filter. If continuous exposure exceeds  $5 \text{ mg/m}^3$ , it is highly recommended by NIOSH to use an air-purifying respirator equipped with a hood or helmet and a HEPA filter. If persistent respiratory problems occur when mist levels are less than  $0.5 \text{ mg/m}^3$  it is then the individual's responsibility to get a recommendation from a qualified Health care provider for personalized respiratory protection.

**Warning:** The proper use and type of respirator is the responsibility of user and is dependant on the product and operating conditions. Schaeffer Mfg. is in no way responsible for improper use of its product.

**Ventilation:** In general, normal shop ventilation is adequate. In certain instances when high mist levels occur or when machines are placed close together splash guards and/or mist collectors are recommended to avoid the possibility of respiratory irritation.

**Eye protection:** Proper OSHA approved metalworking plant safety glasses are required when handling this product and its concentrate.

**Protective clothing or equipment:** Proper OSHA approved metalworking plant protective clothing as appropriate.

**Protective gloves:** Impervious gloves such as Latex or Nitrile gloves are highly recommended when handling this product.

**Safety comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material; this means washing hands before eating, drinking, smoking, using the toilet, or applying cosmetics.

**9. Physical and Chemical Properties**

**Flash Point:**  $185^\circ\text{F}$  ( $85^\circ\text{C}$ )

**Specific Gravity:**  $0.998 \pm 0.02$

**Evaporation Rate:** ND

**pH (5% solution):** ND

**Boiling Point:** ND

**Appearance:** white

**Odor:** Characteristic

**Solubility in Water:** Completely soluble

*The above data are typical values and do not constitute a specification.*

**10. Stability and Reactivity**

**Stability:** Stable under normal conditions

**Materials to Avoid:** Strong Acids, bases and oxidizers

**Polymerization:** None expected to occur

**Thermal Decomposition:** Not determined

**Conditions to Avoid:** Use as directed

**Product Name: MWF Antifoam Concentrate**

**11. Toxicological Information:**

**Toxicological information:** Not Established

**Acute Toxicity:** Not Determined

**Local Effects:** None known

**Component Analysis:** Not established

**Pre-Existing conditions aggravated by exposure:** Not Established

**Synergistic Materials:** No data available for this product.

**Epidemiology:** NO epidemiological data is available for this product.

**Neurotoxicity:** No data available for this product.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Teratogenicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**Chronic Toxicity:** Not established

**Subchronic Toxicity:** Not established

**Human Experience:** Not established

**Symptoms and Target Organs:** Not established

**Further Information:** This product has no known adverse effect on human health

**Reproductivity:** Not established

**Routes of Exposure:** Ingestion, inhalation, eye contact, skin contact

**Carcinogenicity:** No components listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Additional Toxicological Information:**

No data available to indicate the product or any of its components are present at greater than 0.1% are mutagenic, genotoxic or teratogenic.

**12. Environmental and Ecological Information**

**Ecotoxicity:** Water hazard class I. Slightly hazardous for water.

**Environmental Effects:** Ecological injuries are not known or expected under normal use.

**Persistence/Degradability:** Not established.

**Bioaccumulations:** Not established

**Aquatic Toxicity:** Not established

**Partition Coefficient:** Not Established

**13. Disposal Considerations**

**Waste Codes:** Waste codes should be assigned by the user based on the applications for which the product was used.

**Disposal Instructions:** This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b) (4)). Under RCRA, it is the responsibility of the user of the product to determine, at this time of disposal, whether the product meets RCRA criteria for hazardous waste.

**Waste from residues/unused products:** Dispose of in accordance with local regulations.

**Contaminated Packaging:** Do not re-use empty containers.

**14. Transport Information**

**US DOT Classification Non-Bulk/ Bulk:** Not regulated Non-Hazardous

**IMDG and IATA/ICAO Classification:** Not Regulated Non-Hazardous

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**15. Regulatory Information**

**TSCA Inventory:** All of the components in this material are on the US TSCA Inventory or are exempt.

**State of California Proposition 65:** This product does not contain any of the chemicals that are listed on the State of California's Proposition 65 List as potential cancer causing agents or reproductive toxins

**US EPA SARA Title III and CERCLA Listings and Reportable Quantities**

None

**16. Other Information**

**For additional information call +1 314-865-4100 (outside the US and Canada) or 1-800-325-9962 inside the United States and Canada.**

Although the information and recommendations set forth herein (hereafter referred to as information) are presented in good faith and believed to be accurate and factual as of the date hereof, Schaeffer Mfg. Company makes no representation as to the completeness or accuracy thereof. Information is supplied upon the condition that the person receiving the same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will Schaeffer Mfg. Company be responsible for damages of any natures whatsoever resulting from the use or reliance upon information. **No representation or warranty, either expressed or implied, of merchantability or fitness for a particular purpose is made with respect to information of the product to which the information refers. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.**