



Material Safety Data Sheet (MSDS)

(Complies with ANSI Z400.1-1998)

Product Name:	Walker Engineering Air Filter Oil	MSDS # WE-2005-101 Rev: A 9/8/05
Product Code:	WE-2005-101	
Products Affected:	DDF9000, BAF2000, MD301, 102-9720, 4003313, 3973523	

Section 1. Chemical Product and Company Identification	
Product Name:	Walker Engineering Air Filter Oil
Product Code:	WE-2005-101
Product Class:	Petroleum Oil
For further information contact:	
Walker Engineering 9255 San Fernando Road Sun Valley, CA 91352	Mon-Fri Telephone: 1 818 252 7788 7 am to 4 pm PT Fax: 1 818 252 7785 Web Site: www.walkerairsep.com
For Chemical Emergencies:	
Spill, Leak, Fire or Accident	Telephone: 911

Section 2. Composition and Information on Ingredients								
Hazardous Components:	CAS #	Vapor Pressure	Weight %	ACGIH TLV		OSHA PEL		Units
				TWA	STEL	TWA	STEL	
Petroleum Oil	64741-96-4		≤50					ppm
NE = not established for this material. ** = Components marked with double asterisk are present above De minimus cut off level and subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.								

Section 3. Hazard Identification	
Emergency Overview:	Warning: Flammable. Container may burst if heated. Do not place in hot water, or near radiators, stoves or other sources of heat. Do not puncture or incinerate container or store at temperature over 120 °F. Do not use in presence of open flame or spark or other sources of ignition. KEEP OUT OF REACH OF CHILDREN. Avoid getting into eyes. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.
Potential Health Effects:	
Eye contact:	Contact may cause mild eye irritation including stinging, watering, and redness.
Skin contact:	Prolonged or repeated contact may result in defatting and drying to the skin which may result in skin irritation and dermatitis.
Inhalation:	Remove to fresh air until misting dissipates.
Ingestion:	No harmful or chronic effects are expected to occur from a single accidental ingestion.
Chronic Effects:	None when used as directed.

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Section 4. First Aid Measures	
Eye:	Flush or rinse eye with tempered water while holding eyelid open. Remove contact lenses, if worn. If irritation or redness persists, seek medical attention.
Skin:	Clean affected area(s) thoroughly by washing with mild soap and water, pat dry. If irritation or redness develops and persists, seek medical attention.
Inhalation:	If breathing difficulties develop, move victim away from source of exposure and into fresh air, give oxygen as necessary. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Seek medical attention.

Section 5. Fire Fighting Measures	
Flammability Classification:	Flammable pursuant to CFR 16, Ch II Subchapter C, part 1500.45.
Unusual Fire & Explosion Hazards:	Container may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Floors may be slippery where materials are released.
Extinguishing Media:	Use extinguishing agent suitable for type of surrounding fire.
Fire Fighting Instructions:	The use of self-contained breathing apparatus is recommended for fire fighters. Fight fire upwind. Do not use water stream.

Section 6. Accidental Release Measures	
Large Spills:	Keep sources of ignition and hot metal surfaces isolated from spill. Stay upwind and away from spill/release. Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Water may be useful in minimizing or dispersing vapors. Keep out of water supplies.

Section 7. Handling and Storage.	
Handling:	Handle as to avoid puncturing container(s). When used as intended, no additional protective equipment is necessary. Use chemical goggles if likelihood of eye contact. Wash unintentional residue with soap and water.
Storage:	Store containers in cool, dry, well-ventilated areas away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from any incompatible material (see section 10). Protect container(s) against physical damage. To avoid unintentional spill keep protective cap in place when not in use.

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Section 8. Exposure Controls / Personal Protection

Engineering Controls:	A well ventilated room with adequate air circulation. Use local and general exhaust ventilation to effectively remove and prevent buildup of vapors/mist generated from the handling of this product.
Respiratory:	If used with adequate ventilation, no protective equipment is necessary.
Skin:	Not required based on the hazard of the material.
Eye/Face:	While contact with this material is not expected to cause appreciable irritation, the use of approved eye protection to safeguard against potential eye contact is considered good practice.
Other Protective Equipment:	A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Section 9. Physical and Chemical Properties.

Concentrate Only:	Finish Product:
Appearance: Oily liquid	Vapor Pressure: 0 psig @ 70 °F
Boiling Range: > 600 °F (315 °C)	
Flash Point: Not Applicable	
Specific Gravity: 0.90 (water=1)	
pH: Not Applicable	
Weight per Gallon: 7.50 #/gal	
Solubility (water): insoluble	

Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	High temperatures, above 120 °F, open flames and sparks.
Incompatible Materials:	Avoid contact with strong oxidizing and reducing agents. Strong acids and bases. (Household Ammonia, Drain Openers etc.)
Hazardous Decomposition:	Combustion may produce carbon monoxide, carbon dioxide and other unidentified organic compounds.
Products:	
Hazardous Polymerization:	Will not occur.

Section 11. Toxicological Information

No definitive information found on carcinogenicity, mutagenicity, target organs or developmental toxicity.

Section 12. Ecological Information

Not found

Section 13. Disposal Considerations

Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

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Section 14. Transport Information

1. DOT (Ground)		
Shipping Name:	Consumer Commodity	
Hazard Class:	NON HAZARDOUS	
2. IMDG (Overseas)		
Shipping Name:	Consumer Commodity	
Class:	NON HAZARDOUS	
3. IATA (Air)		
Shipping Name:	Consumer Commodity	
Class:	NON HAZARDOUS	

Section 15. Regulatory Information

<i>Toxic Chemicals List under SARA Section 313 of the Title III and 40 CFR Part 372.</i>
None
<i>Chemicals under California Proposition 65</i>
None
<i>Flammability Classification 16 CFR, Ch II Subch. C, Part 1500.45</i>
Flammable

Section 16. Documentary Information

Issue Date:	08/31/05
Revised:	09/08/05
Product Code:	WE-2005-101

Disclaimer of Expressed and Implied Warranties.

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