

# MATERIAL SAFETY DATA SHEET



**Built for a lifetime.™**

Date Issued: 02/02/2010

MSDS No: KAESER OMEGA FG-150

## OMEGA FGB-150

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** OMEGA FGB-150  
**GENERAL USE:** Lubricant and corrosion inhibitor  
**CHEMICAL FAMILY:** Synthetic based lubricant

**MANUFACTURER**

Manufactured for Kaeser Compressors, Inc.  
 511 Sigma Drive  
 Fredericksburg, VA 22408  
**Product Stewardship:** 281-354-8600

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**USA :** 800-424-9300  
**International :** 703-527-3887(collect calls accepted)

### 2. HAZARDS IDENTIFICATION

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause irritation.

**SKIN:** May irritate the skin after prolonged periods of contact.

**INGESTION:** May cause diarrhea.

**INHALATION:** Hydrocarbon mist may line breathing passages with oil making breathing difficult.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Poly Alpha Olefin Synthetic	65 - 68	68037-01-4
Synthetic Olefin	32 - 35	9003-29-6
Alkylamine Phosphate	0.5 - 1	80939-62-4
Synthetic Oxidation Inhibitor	0.2 - 0.5	41484-35-9

**COMMENTS:** This product contains no hazardous substances within the definition of OSHA Regulation 29 CFR 1910.1200.

### 4. FIRST AID MEASURES

**EYES:** Flush with water until all residual material is gone. If irritation persists, seek medical help.

**SKIN:** Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.

**INGESTION:** Wash out mouth immediately. Do not induce vomiting. Consult physician.

**INHALATION:** Clear air passage. If respiratory difficulty continues, seek medical help.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT AND METHOD:** > 249°C (480°F) COC

**AUTOIGNITION TEMPERATURE:** > 315°C (600°F)

**EXTINGUISHING MEDIA:** Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist.  
 Unsuitable: Water jet.

**OTHER CONSIDERATIONS:** Not flammable at ambient temp.

**FIRE FIGHTING EQUIPMENT:** Self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.

### ENVIRONMENTAL PRECAUTIONS

**LAND SPILL:** Do not allow it to enter drains.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear gloves and protective overalls.

## 7. HANDLING AND STORAGE

**HANDLING:** No special handling precautions necessary.

**STORAGE:** Do not store at elevated temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Glasses, if applied to parts in motion.

**SKIN:** Oil-proof gloves for hypersensitive persons.

**RESPIRATORY:** Hydrocarbon absorbing respirator if misting.

**PROTECTIVE CLOTHING:** Overalls.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild Hydrocarbon

**COLOR:** Clear

**pH:** Neutral

**PERCENT VOLATILE:** None

**VAPOR PRESSURE:** < 0.01

**VAPOR DENSITY:** Greater than air

**BOILING POINT:** > 371°C (700°F)

**POUR POINT:** < -40°C

**FLASH POINT AND METHOD:** > 249°C (480°F) COC

**EVAPORATION RATE:** Negligible

**DENSITY:** > 0.8

**OXIDIZING PROPERTIES:** None

## 10. STABILITY AND REACTIVITY

**STABILITY:** Chemically stable under normal conditions. No photoreactive agents.

**CONDITIONS TO AVOID:** Powerful sources of ignition and extreme temperatures.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.

**INCOMPATIBLE MATERIALS:** Strong inorganic and organic acids, oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**ORAL LD<sub>50</sub>:** > 2000 mg/kg

**Notes:** Extrapolated from component data

**INHALATION LC<sub>50</sub>:** Not applicable.

**SKIN EFFECTS:** Very mild

**CHRONIC:** None known.

**SUBCHRONIC:** Not known

**CARCINOGENICITY**

**IARC:** No

**NTP:** No

**OSHA:** No

**SENSITIZATION:** Not known

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.

**BIOACCUMULATION/ACCUMULATION:** Relatively well behaved. Bioaccumulation potential nil.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.

**EMPTY CONTAINER:** See waste disposal section listed above.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**UN/NA NUMBER:** N/A

**OTHER SHIPPING INFORMATION:** Nonhazardous

**ROAD AND RAIL (ADR/RID):** Bulk Nonhazardous

**AIR (ICAO/IATA):** Bulk Nonhazardous

**VESSEL (IMO/IMDG):** Bulk Nonhazardous

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** N/A

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Nonhazardous

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All components are listed

**CALIFORNIA PROPOSITION 65:** N/A

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Not regulated

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components are listed

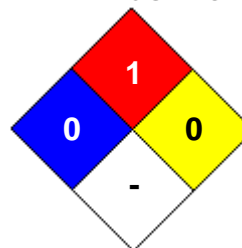
**16. OTHER INFORMATION**

**REVISION SUMMARY:** New MSDS

## HMIS RATING

HEALTH:	0
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

## NFPA CODES



**MANUFACTURER DISCLAIMER:** As of issue date, the information contained herein is accurate and reliable to the best of our knowledge. We do not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.