

## SAFETY DATA SHEET

### SECTION 1.

### COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Company Name: Lawrence Factor, Inc.  
Address: 4790 NW 157 Street, Miami Lakes, FL 33014  
Phone / Fax: 305-430-0550 / 305-430-0864

Chemical Name: Synthetic Food Grade Compressor Fluid  
Trade Name: Seco Lube<sup>™</sup> 200 – Food Grade 200, Synthetic Hydrocarbon  
Product Use: Seco Lube<sup>™</sup> 200 – Food Grade Oil is a premium quality synthetic lubricant that meets USDA H-1 standards and complies with FDA 21 CFR 178.3570. It is a popular choice for use in compressors for producing NITROX (Nitrogen Oxygen Mixture) gas.

### SECTION 2.

### HAZARDS IDENTIFICATION

Main Hazards: No significant hazard.

### SECTION 3.

### COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient: Synthetic Hydrocarbon  
CAS No.: ---

General: This product is Non-Hazardous. This product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200

### SECTION 4.

### FIRST AID MEASURES

Skin Contact: Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse. See medical attention if irritation or symptoms persist.

Eye Contact: Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Seek physician assessment if eyes are inflamed.

Ingestion: Do not induce vomiting. Fluid has laxative effect.

Inhalation: Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.

### SECTION 5.

### FIRE AND EXPLOSION DATA

Flashpoint..... 510 °F  
Auto Ignition Temp ..... 760 °F  
Fire & Explosion Hazard ..... Low Fire Hazard – Do not cut, drill, or weld empty containers.  
Extinguishing Media..... Small Fires: carbon dioxide (CO<sub>2</sub>) dry chemical, foam, or water spray.

Fire Fighting Procedures: Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers & as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

Protective Equipment: Fire fighting personnel should wear full protective equipment, including self contained breathing apparatus for all inside fires and larger outdoor fires.

HMIS® III

Health	1
Fire	1
Physical Hazard	0
Personal Protection	B



**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Ensure adequate ventilation of the working area.

Environmental Precautions: Do not allow product to enter drains. Prevent further spillage if safe.

Cleanup Method: Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

Waste Disposal: Dispose in approved, secure landfill site or through a licensed waste reclaimer.

**SECTION 7. SAFE HANDLING AND STORAGE**

Handling: Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Storage: Keep in cool, dry, well ventilated area, keep containers tightly closed, and store in correctly labeled containers at 40° C.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Measures: Ensure adequate ventilation of the working area.

Occupational Exposure Controls: Keep away from food, drink and animal feed.

Eye Protection: Normally none required, chemical goggles if splashing is likely or high pressure systems are used.

Skin Protection: Normally none required, for direct contact of more than 2 hours, Viton or Nitrile gloves are recommended otherwise PVC may be worn.

Respiratory Protection: Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.

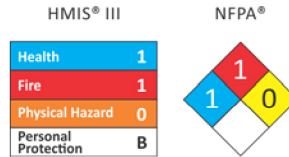
Ventilation: General ventilation.

Exposure Limits: Acute LD-50 (rat, oral): > 5000 mg/kg : Practically non-toxic

Protective Equipment: Protect clothing from contact with the product.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Description .....	Clear liquid
Color .....	Slight yellow tint
Odor .....	Very slight hydrocarbon odor
Boiling Point .....	> 570° F
Flash Point.....	519° F
Vapor Pressure .....	< 0.001 kPa @ 25° C
Specific Gravity.....	0.82- 0.92
Volatiles, % Volume .....	0%
Solubility in Water.....	Negligible
Evaporation Rate.....	Nil
Viscosity Index.....	127
Viscosity cSt @ 40° C.....	100.3
Viscosity cSt @ 100° C.....	13.2



**SECTION 10.**

**STABILITY AND REACTIVITY DATA**

Stability: This product is stable under the specified conditions of storage, shipment and use.

Hazardous Polymerization: Will not occur.

Incompatibility: Strong oxidizing agents.

Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other undefined fragments when burned.

**SECTION 11.**

**TOXICOLOGICAL INFORMATION**

Acute Toxicity: Acute LD-50 (rat: oral) > 5000 mg/kg: Practically non-toxic. Negative when tested by modified Ames test for carcinogenicity.

**SECTION 12.**

**ECOLOGICAL INFORMATION**

Ecotoxicity: No data is available on this product.

**SECTION 13.**

**DISPOSAL CONSIDERATIONS**

Waste Disposal: Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

**SECTION 14.**

**TRANSPORT INFORMATION**

Technical Name.. .....Synthetic Hydrocarbon  
D.O.T. Hazard Class .....Not Regulated  
U.N./N.A. Number.....Not Regulated  
Product Label .....Seco Lube™ – Food Grade 200, Synthetic Hydrocarbon

**SECTION 15.**

**REGULATORY INFORMATION**

Federal Regulations:

Risk Phrases..... NSH – No significant Hazard.  
OSHA Hazard..... Not hazardous under 29 CFR 1910.1200  
TSCA Status ..... Not Applicable  
RCRA Status..... If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste. (40 CFR 261.20-24)

Other Classifications:

The classification was made according to the latest editions of international substances lists and expanded upon from company and literature data.

HMIS® (USA)	NFPA® (USA)
Health Hazard .... 1	Health ..... 1
Fire Hazard ..... 1	Flammability ..... 1
Reactivity..... 0	Reactivity..... 0
Personal Protection..... B	

Personal Protection: Safety glasses, and gloves.

HMIS <sup>®</sup> III		NFPA <sup>®</sup>	
Health	1	1	1
Fire	1	1	0
Physical Hazard	0	1	0
Personal Protection	B		

HMIS<sup>®</sup> and NFPA<sup>®</sup> ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

- The information and recommendations set forth herein are believed to be accurate as of the date hereof. We make no warranty with respect thereto and disclaim all liability from reliance thereon.
- Container labeling-uses Hazardous Materials Identification System (HMIS<sup>®</sup>). Hazardous Index under this system rates degree of hazard from 0 to 4 in each category:
  - 0 = minimal hazard
  - 1 = slight hazard
  - 2 = moderate hazard
  - 3 = serious hazard

## SECTION 16.

### OTHER INFORMATION

#### **Product emergencies:**

If you have a product-related emergency, resulting in an accident such as a spill or release of product or human exposure and need assistance from Lawrence Factor, please contact the following number:  
**LAWRENCE FACTOR, INC. 1-800-338-5493**

#### **General:**

The data and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information which is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, express or implied, is made and no responsibility assumed for the use of this material or the results to be obtained there from. Information on this form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purposes. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal or insurance requirements, or with national safety codes.

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