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**MATERIAL SAFETY  
DATA SHEET**

**Food Grade Oven  
Chain Lubricant**

Emergency Phone Number: 386-527-4494

Date : April 17, 2009

**SECTION 1**

Company Name:  
Address:  
Phone / Fax:  
Trade Name:  
Chemical Name:  
Chemical Family:  
Formula:  
CAS#:  
Applications:

**COMPANY IDENTIFICATION AND CHEMICAL PRODUCT**

Advanced Technology Lubricants, Inc.  
4430 Eastport Parkway, Suite 3 Port Orange, FL 32127  
386-322-1666 / 386-322-0509

Food Grade Oven Chain Lubricant

Synthetic Hydrocarbon

Synthetic Hydrocarbon

Proprietary

Proprietary

Food Grade Oven Chain lubricant is used in industrial ovens where incidental food contact is possible. It complies with 21 CFR 178.3570.

**SECTION 2**

General:  
FDA Statement:

**COMPOSITION / INFORMATION ON INGREDIENTS**

This Product is Non-Hazardous. This product contains No Known Carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.

N/A

**SECTION 3**

Appearance:  
Known Hazards:

**HAZARDS IDENTIFICATION**

Clear liquid, Slight Yellow Tint

This product does not require any special warning labels under OSHA 29 CFR 1910.1200, and contains no known hazardous ingredients.

**SECTION 4**

Eyes:  
Skin:  
Inhalation:  
Ingestion:

**FIRST AID MEASURES**

Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.

Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.

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.

Do not induce vomiting. Force fluid. Has laxative effect.

**SECTION 5**

Flash Point:  
Flammable Limits:  
Auto Ignition Temp:  
Fire & Explosion Hazards:  
Extinguishing Media:  
Fire Fighting Procedures:

**FIRE FIGHTING MEASURES**

425 °F

N/A

N/A

LOW FIRE HAZARD - Do not cut, drill, or weld empty containers

Dry chemical foam, water spray, carbon dioxide for small fires

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.

**SECTION 6**

Spill or Leak:

**ACCIDENTAL RELEASE MEASURES**

Contain spill, absorb with inert absorbants such as dry clay, sand, or diatomaceous earth, commercial absorbants, or recover using pumps. Scoop up used absorbants into appropriate receptacles.

Waste Disposal:

**SECTION 7**

Storage Temp - min / max:  
 Shelf Life:  
 Precautions:

**HANDLING AND STORAGE**

None / 104 °F recommended  
 Indefinite in original container  
 Not for internal use. Avoid contact with skin, eyes, and clothing.

**SECTION 8**

Eye Protection:  
 Skin Protection:

**EXPOSURE CONTROL / PERSONAL PROTECTION**

Normally none required, chemical goggles if splashing is likely or high pressure systems are used.  
 For direct contact of more than 2 hours, Viton or Nitrile is 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<sub>50</sub> >5000 mg/Kg (rat, Oral) Practically Non-Toxic

**SECTION 9**

Appearance:  
 Boiling Point:  
 Vapor Pressure:  
 Specific Gravity:  
 Volatilities, % Volume  
 Odor:  
 Solubility in Water:  
 Evaporation Rate:  
 Viscosity:

**PHYSICAL AND CHEMICAL PROPERTIES**

Clear liquid, Very Slight Yellow Tint  
 >570 °F  
 <0.001 kPa @ 25 °C  
 0.85 - 0.88  
 0%  
 Very Slight Hydrocarbon Odor  
 Negligible  
 Nil  
 @40 °C Varies Depending on Grade

**SECTION 10**

Stability:  
 Hazardous Polymerization:  
 Incompatibilities:  
 Decomposition Products:

**REACTIVITY**

Product is stable  
 Will not occur  
 Strong oxidizers  
 Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

**SECTION 11**

General:

**TOXICOLOGICAL INFORMATION**

Acute LD<sub>50</sub> > 5000 mg/Kg (rat, Oral). Practically Non-Toxic. Negative when tested by modified Ames Test for Carcinogenicity

**SECTION 12**

General:

**ECOLOGICAL INFORMATION**

No data available.

**SECTION 13**

Waste Disposal:

**DISPOSAL CONSIDERATIONS**

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

**SECTION 14**

Technical Name:  
 D.O.T. Hazard Class:  
 U.N. / N.A. #  
 Product Label:

**TRANSPORTATION INFORMATION**

Synthetic Hydrocarbon  
 Not Regulated  
 Not Regulated  
 Food Grade Oven Chain Lubricant

**SECTION 15**

OSHA STATUS:  
 TSCA STATUS:  
 RCRA STATUS:

**REGULATORY INFORMATION**

Not hazardous under 29 CFR 1910.1200.  
 N/A  
 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)

**SECTION 16**

General:

**OTHER INFORMATION**

This information is furnished without warranty expressed or implied, except that it is accurate to the best knowledge of Advanced Technology Lubricants, Inc.. The data on this sheet related only to the specific material designed herein. Advanced Technology Lubricants, Inc. assumes no legal responsibility for the use or reliance upon these data.