



4430 Port Parkway, Suite 3, Port Orange, FL 32127
Phone: (386) 322-1666 / (386) 527-4494 Fax: (386) 322-0509
www.atlinc.org

MATERIAL SAFETY DATA SHEET

Food Grade Grease

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 Grease

Synthetic Petroleum Hydrocarbon plus additives
Synthetic Petroleum Hydrocarbon plus additives
Proprietary
Proprietary

Food Grade grease is for use as a multi purpose water resistant grease. It is formulated to meet FDA 21 CFR 178.3570 for incidental food contact.

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.

This product complies with FDA 21 CFR 178.3570 regarding lubricants for incidental food contact.

SECTION 3

Appearance:
Known Hazards:

HAZARDS IDENTIFICATION

Smooth, Buttery, White colored paste with very faint hydrocarbon odor.

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

477 °F min (base oil)

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:
Waste Disposal:

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.

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

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 LD₅₀ >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

Smooth, Buttery, White Colored Paste
 N / A
 <1 mm hg @ 20 °C
 ~.9 Kg / L
 0%
 Very slight hydrocarbon odor
 Negligible
 < 0.01
 N / A

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 LD₅₀ > 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 Petroleum Hydrocarbon
 Not Regulated
 Not Regulated
 Food Grade Grease

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.