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EngineMaxx • Revelation • ATL Products*

MATERIAL SAFETY
DATA SHEET

**BIODEGRADABLE
HYDRAULIC
FLUID**

SECTION 1

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

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Advanced Technology Lubricants, Inc.
5889 Airport Road, Ste# 1426, Port Orange, FL 32128
Phone 386-322-1666 Fax 386-322-0509
ATL Inc. Biodegradable Hydraulic Fluid
Synthetic Hydrocarbon
Synthetic Hydrocarbon
Proprietary
Proprietary
BHF is for use as a hydraulic fluid in all types of hydraulic equipment

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

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 ingredient.

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 area thoroughly with soap and water. Wash contaminated clothing before reuse
Overexposure by inhalation unlikely
Do not induce vomiting. Force fluid. Has laxative effect.

SECTION 5

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

FIRE FIGHTING MEASURES

372 degrees Fahrenheit
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
Cover with extinguishing agent, use water spray to cool fire exposed containers & as a protective screen. Do not point water stream directly into burning fluid to avoid spreading.

SECTION 6

Spill or Leak:

Waste Disposal:

ACCIDENTAL RELEASE MEASURES

Contain Spill, absorb with inert absorbent such as dry clay, sand, or diatomaceous earth, commercial sorbants or recover using pumps. Scoop up used absorbents into appropriate receptacles.
Dispose in an approved, secure landfill site or through a licensed waste reclaimer.

SECTION 7
Storage Temp – min / max
Shelf Life:
Precautions:

HANDLING AND STORAGE
None / 104 degrees recommended
Indefinite in original container
Not for internal use. Avoid contact with skin, eyes, or clothing

SECTION 8
Eye Protection:
Skin Protection:
Respiratory Protection:
Ventilation:
Exposure Limits:

EXPOSURE CONTROL / PERSONAL PROTECTION
Normally none required, chemical goggles if splashing is likely or if high pressure systems are used.
For direct contact for more than 2 hours, Viton or Nitrile is recommended, otherwise PVC may be worn.
Normally not necessary. If mist is generated, wear approved organic respirator suitable for oil mist areas with sufficient oxygen.
General ventilation
Acute LD50>5000 mg/kg (rat oral) Practically non toxic

SECTION 9
Appearance:
Boiling Point:
Vapor Pressure:
Specific Gravity:
Volatiles, % Volume:
Odor:
Solubility in Water:
Evaporation Rate:
Viscosity:

PHYSICAL AND CHEMICAL PROPERTIES
Clear liquid, slight yellow tint
>570 degrees F
<0.001 kPa @ 25 degrees C
0.85-0.88
0%
Very slight hydrocarbon odor
Negligible
Nil
@40 degrees C 32-68 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
Product complies with FDA 21CFR 178.3570

SECTION 12
General

ECOLOGICAL INFORMATION
Product is biodegradable (CEC L-33T-82 / 98%- 45 days) Almost no phototoxic affects experienced

SECTION 13
Waste Disposal:

DISPOSAL CONSIDERATIONS
Used product must be disposed of in accordance with federal, state, & local environmental control regulations. Incineration is preferred.
DO NOT HEAT OR CUT EMPTY CONTAINERS 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
Biodegradable Hydraulic Fluid

SECTION 15
OSHA STATUS:

REGULATORY INFORMATION
Not hazardous under 29 CFR 1910.1200

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).

SECTION 16

General:

OTHER INFORMATION

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