



ATL Biodegradable Hydraulic Fluid Material Safety Data Sheet

Emergency Phone Number: 386-527-4494

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 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

Hazardous 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 Limits:
Fire & Explosion Hazards:
Extinguishing Media:
Fire Fighting Procedures:

Fire Fighting Measures

455 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:

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.

Ventilation:

General ventilation

Exposure Limits:

Acute LD50>5000 mg/kg (rat oral) Practically non toxic

Section 9

Appearance:

Clear liquid, slight yellow tint

Boiling Point:

>570 degrees F

Vapor Pressure:

<0.001 kPa @ 25 degrees C

Specific Gravity:

0.85-0.88

Volatiles, % Volume:

0%

Odor:

Very slight hydrocarbon odor

Solubility in water:

Negligible

Evaporation Rate:

Nil

Viscosity:

@40 degrees C 32-68 depending on grade

Section 10

Stability:

Product is stable

Hazardous:

Polymerization:

Will not occur

Incompatibilities:

Strong oxidizers

Decomposition Products:

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

Reactivity**Section 11**

General:

Product complies with FDA 21CFR 178.3570

Section 12

General:

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:

Synthetic Hydrocarbon

DOT Hazardous Class:

Not Regulated

U.N./N.A. #

Not Regulated

Product Label:

ATL Inc. Biodegradable Hydraulic Fluid

Section 15

OSHA Status:

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).

Transportation Information**Section 16**

General:

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