

ALLIANT POWER – LUBRIGUARD  
SAFETY DATA SHEET

**1. Product And Company Identification**

**Product Name:** ALLIANT POWER - LUBRIGUARD

**Responsible Party:** Diesel Forward Inc.  
6167 Pepsi Way  
Windsor, WI 53598

**Information Phone Number:** 1.800.735.7358  
**Emergency Phone Number:** 1.800.735.7358  
Hours of Operation are 7:30 a.m. – 5:00 p.m. CST Monday – Friday.

**SDS Date Of Preparation:** 03/30/2020

**Product Use and Uses Advised Against:** Automotive maintenance product – For consumer and professional use.

**2. Hazards Identification**

**GHS Classification:**

<b>Physical:</b>	<b>Health:</b>	<b>Environmental:</b>
Flammable Liquid Category 4	Acute Oral Toxicity Category 4 Carcinogen Category 2 Specific Target Organ Toxicity Category 3 (Central Nervous System (CNS) and Respiratory Irritation) Aspiration Hazard Category 1	Aquatic Acute Toxicity Category 2 Aquatic Chronic Toxicity Category 2

**GHS Label Elements:**



**Danger!**

**Statements of Hazard**

Combustible liquid.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Harmful if swallowed.  
Suspected of causing cancer.  
May be fatal if swallowed and enters airways.  
Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, sparks, flames, and hot surfaces. No smoking.  
Avoid breathing mist, vapors or spray.  
Wash exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Wear protective gloves, protective clothing, and eye protection.

**Precautionary Statements Continued**

**Storage**

Store in a well-ventilated place. Keep container tightly closed.

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Store locked up.

**Disposal**

Dispose of contents and container in accordance with local and national regulations.

**Response**

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

Rinse Mouth.

Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF exposed or concerned: Get medical advice.

In case of fire: Use water fog, foam, carbon dioxide or dry chemical to extinguish.

**Hazards not otherwise specified:** None

**3. Composition/Information On Ingredients**

Component	CAS No.	Amount
Solvent naphtha (petroleum), heavy aromatic.	64742-94-5	60-70
2-Ethylhexyl nitrate	27247-96-7	20-30
Naphthalene	91-20-3	<10
Fatty acids, C16-18 and C18-unsatd.	67701-08-0	<10
1,2,4-trimethylbenzene	95-63-6	<2
2-Ethylhexanol	104-76-7	<1

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First Aid Measures**

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**Eye Contact:** Flush with water for several minutes. If effects occur, consult a physician

**Ingestion:** DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

**Most Important Symptoms:** Inhalation of mists or vapors may cause central nervous system effects such as dizziness, drowsiness, headache and nausea. Inhaled mists may cause irritation to upper respiratory tract. Harmful if swallowed. May cause minor skin and eye irritation. Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects. Contains materials that may cause cancer based on animal data. This risk of cancer depends on the level and duration of exposure.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical treatment is required for ingestions which may result in an aspiration hazard. Material may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal.

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**5. Firefighting Measures**

**Suitable (and Unsuitable) Extinguishing Media:** Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** Combustible liquid and vapor. Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flash back. Closed containers may rupture if exposed to extreme heat. Burning may produce carbon monoxide and carbon dioxide, and unburned hydrocarbons.

**Special Fire Fighting Procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

**6: Accidental Release Measures**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Caution – slip hazard. Eliminate all ignition sources and ventilate the area. Wear appropriate protective equipment.

**Methods and Materials for Containment and Clean-Up:** Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard.

**Environmental Precautions:** Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations. Notify the National Response Center if a spill of any amount enters navigable waters, the contiguous zone, or adjoining shorelines.

**7. Handling and Storage**

**Precautions for Safe Handling:**

Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash exposed skin thoroughly with soap and water after use. Use only with adequate ventilation. Keep product away from heat, flames and all other sources of ignition. Keep containers closed when not in use. Do not permit smoking in use or storage areas. Keep out of the reach of children.

Empty containers retain product residue and may be hazardous. Do not reuse empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:**

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store locked up. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat.

**8. Exposure Controls / Personal Protection**

CHEMICAL	EXPOSURE LIMIT
Solvent naphtha (petroleum), heavy aromatic.	500 ppm TWA OSHA PEL 200 mg/m <sup>3</sup> TWA ACGIH (as total hydrocarbon vapor)

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2-Ethylhexyl nitrate	None Established
Naphthalene	10 ppm TWA OSHA PEL 10 ppm TWA ACGIH TLV (Skin)
Fatty acids, C16-18 and C18-unsatd.	None Established
1,2,4-trimethylbenzene	25 ppm TWA ACGIH TLV
2-Ethylhexanol	None Established

**Ventilation:** General ventilation should be adequate for all normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

**Respiratory Protection:** None under normal use conditions. For operations where the exposure limits are exceeded, a NIOSH approved respirator with an organic vapor cartridge or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Gloves:** Impervious gloves such as neoprene or nitrile are recommended if needed to avoid prolonged or repeated skin contact.

**Eye Protection:** Safety glasses or goggles are recommended if eye contact is possible.

**Other Protective Equipment/Clothing:** Appropriate protective clothing as needed to prevent prolonged or repeated skin contact.

**9. Physical and Chemical Properties**

**Appearance and Odor:** Amber Liquid with a hydrocarbon-like odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not available
<b>pH:</b> Not applicable	<b>Vapor Pressure:</b> Not determined
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Density:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>Percent Volatile:</b> Not determined
<b>Solubility In Water:</b> Nil in water	<b>Evaporation Rate:</b> Not determined
<b>Viscosity:</b> Not determined	<b>VOC Content:</b> Not determined
<b>Specific Gravity:</b> 0.92 at 60 F (water=1)	<b>Autoignition Temp:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>Flame extension:</b> Not applicable
<b>Flash Point:</b> 149°F (65°C)	<b>Flammability (solid, gas):</b> Not applicable
<b>Flammability Limits:</b> LEL: 0.7 (Trimethyl benzene) UEL: 6.6 (Trimethyl benzene)	<b>Decomposition Temperature:</b> Not available

**10. Stability and Reactivity**

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Conditions to Avoid:** Keep away from excessive heat and open flames.

**Incompatible Materials:** Strong oxidizing agents and reducing agents

**Hazardous Decomposition Products:** Burning may produce carbon monoxide and carbon dioxide, and unburned hydrocarbons.

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**11. Toxicological Information**

**Potential Health Effects:**

**Acute Hazards:**

**Inhalation:** Inhalation of mists or vapors may cause central nervous system effects such as dizziness, drowsiness, headache and nausea. Inhalation may also cause upper respiratory irritation.

**Skin Contact:** May cause minor skin irritation

**Eye Contact:** May cause minor eye irritation

**Ingestion:** Harmful if ingested. Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects with symptoms of drowsiness, headache, dizziness and unconsciousness.

**Chronic Effects:** Prolonged or repeated overexposure may cause adverse effects on the blood, kidneys, liver, and heart.

**Carcinogenicity Listing:** Naphthalene is classified by IARC as a possible human carcinogen (group 2B). Naphthalene is classified by NTP as a reasonably anticipated human carcinogen. None of the other ingredients of this product at 0.1% or greater are listed as carcinogens by IARC, NTP, or OSHA.

**Numerical Measures of Toxicity:**

Product Calculated ATE:       LD50 Oral: 1119 mg/kg  
  LD50 Skin: 2750 mg/kg  
  LC50 Inhalation: 26.3 mg/L

Solvent naphtha (petroleum), heavy aromatic:  
  LD50 Oral Rat: 2,000 - 5000 mg/kg  
  LD50 Skin Rabbit: >2000 mg/kg  
  LC50 Inhalation Rat: 0.02 - 300 mg/L/4 hr.

2-Ethylhexyl nitrate:       LD50 Oral Rat: 500 mg/kg (Estimated)  
  LD50 Skin Rat: 1,100 mg/kg (Estimated)  
  LC50 Inhalation Rat: 1.0 mg/L/4 hr. (Estimated)

Naphthalene:               LD50 Oral Rat: 490 mg/kg  
  LD50 Skin Rat: 2,500 – 16,000 mg/kg  
  LC50 Inhalation Rat: 0.40 mg/L/4 hr.

Fatty acids, C16-18 and C18-unsatd.:  
  No data available

1,2,4-trimethylbenzene:   LD50 Oral Rat: 6,000 mg/kg  
  LC50 Inhalation Rat: 10.2 mg/L/4 hr.

2-Ethylhexanol:           LD50 Oral Rat: 2047 mg/kg  
  LD50 Skin Rat: >3,000 mg/kg  
  LC50 Inhalation Rat: 0.89 mg/L/4 hr.

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**12. Ecological Information**

**Ecotoxicity:**

Classified as Acute Aquatic Toxicity Category 2 and Chronic Aquatic Toxicity Category 2 under GHS criteria.  
Solvent naphtha (petroleum), heavy aromatic:

	LC50: Fish 580 – 8,410 ug/L/96 hr.; EC50: Invertebrate 760 – 4,700 ug/L/48 hr.
2-Ethylhexyl nitrate:	LC50: Fish 2 mg/L/96 hr.; EC50: Invertebrate 12.6 mg/L/48 hr.
Naphthalene:	LC50: Fish 6.08 mg/L/96 hr.; EC50: Invertebrate 2.16 mg/L/48 hr.
1,2,4-trimethylbenzene:	LC50: Fish 7.72 mg/L/96 hr.; EC50: Invertebrate 3.6 mg/L/48 hr.
2-Ethylhexanol:	LC50: Fish 17.1 mg/L/96 hr.; EC50: Invertebrate 39 mg/L/48 hr.

**Persistence and Degradability:** No data for product.

**Bio accumulative Potential:** No data for product.

**Mobility in Soil:** No data for product.

**Other Adverse Effects:** No data available

**13. Disposal Considerations**

Dispose of in accordance with all local, state/provincial and federal regulations.

**14. Transport Information**

**DOT Hazardous Materials Description:** Not Regulated in non-bulk packagings (119 gallons and smaller).

**Canadian TDG Hazardous Materials Description:** Not regulated in small means of containment

**IMDG Dangerous Goods Description:** Not regulated in packages with inner containers of 5 L / 5 kg or less per IMDG 2.10.2.7.

Packages with single or inner containers greater than 5 L / 5 kg: UN3082, Environmentally Hazardous Substances, liquid, n.o.s. (contains Naphthalene), 9, III, Marine Pollutant

**15. Regulatory Information**

**United States:**

**EPA TSCA INVENTORY:** All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

**CERCLA Section 103:** This product has an RQ of 1000 lbs. based on the RQ for naphthalene of 100 lbs. present at <10% maximum. Oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** See OSHA Hazard Classification in Section 2.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements

