

ALLIANT POWER – WINTERGUARD
SAFETY DATA SHEET

1. Product And Company Identification

Product Name: ALLIANT POWER - WINTERGUARD

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:

Physical:	Health:	Environmental:
Flammable Liquid 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.
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.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves and eye protection.

Precautionary Statements Continued

Storage

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

Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.

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Disposal

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

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	75-85
Naphthalene	91-20-3	<10
Solvent naphtha (petroleum), light aromatic	64742-95-6	<10
1,2,4-trimethylbenzene	95-63-6	<2
Dipropylene glycol methyl ether	34590-94-8	<2

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. 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.

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

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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 ³ TWA ACGIH (as total hydrocarbon vapor)
Naphthalene	10 ppm TWA OSHA PEL 10 ppm TWA ACGIH TLV (Skin)
Solvent naphtha (petroleum), light aromatic	500 ppm TWA OSHA PEL 200 mg/m ³ TWA ACGIH (as total hydrocarbon vapor)
1,2,4-trimethylbenzene	25 ppm TWA ACGIH TLV
Dipropylene glycol methyl ether	100 ppm TWA OSHA PEL

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100 ppm TWA, 150 ppm STEL ACGIH TLV

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.

Physical State: Liquid	Odor Threshold: Not available
pH: Not applicable	Vapor Pressure: Not determined
Initial Boiling Point/Range: Not determined	Vapor Density: Not determined
Melting/Freezing Point: Not determined	Percent Volatile: Not determined
Solubility In Water: Nil in water	Evaporation Rate: Not determined
Viscosity: Not determined	VOC Content: Not determined
Specific Gravity: 0.90 at 60 F (water=1)	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flame extension: Not applicable
Flash Point: 149°F (65°C)	Flammability (solid, gas): Not applicable
Flammability Limits: LEL: 0.7 (Trimethyl benzene) UEL: 6.6 (Trimethyl benzene)	Decomposition Temperature: 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.

11. Toxicological Information

Potential Health Effects:

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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: 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, heart, and hearing.

Carcinogenicity Listing: Naphthalene is classified by IARC as a possible human carcinogens (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: >2,000 mg/kg
 LD50 Skin: >2,000 mg/kg
 LC50 Inhalation: >25 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.

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.

Solvent naphtha (petroleum), light aromatic:
 LD50 Oral Rat: >5000 mg/kg
 LD50 Skin Rabbit: >2000 mg/kg

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

Dipropylene glycol methyl ether: LD50 Oral Rat: >5000 mg/kg
 LD50 Skin Rat: 9,510 mg/kg
 LC50 Inhalation Rat: >3.4 mg/L/4 hr.

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.

Naphthalene: LC50: Fish 6.08 mg/L/96 hr.; EC50: Invertebrate 2.16 mg/L/48 hr.

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Solvent naphtha (petroleum), light aromatic:

LL50: Fish 8.2 - 10 mg/L/96 hr.; EL50: Invertebrate 4.5 mg/L/48 hr.

1,2,4-trimethylbenzene: LC50: Fish 7.72 mg/L/96 hr.; EC50: Invertebrate 3.6 mg/L/48 hr.

Dipropylene glycol methyl ether: LC50: Fish >1000 mg/L/96 hr.; EC50: Invertebrate >1000 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 under SARA Title III, Section 313 (40 CFR 372):
Naphthalene 1-10%
1,2,4-trimethylbenzene <2%

California Proposition 65:

This product contains the following regulated chemicals:

Naphthalene <10%

Cumene <1%

Ethylbenzene <0.01%

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Toluene <0.01%
Benzene <0.01%
Benzo[A]Pyrene <0.01%

Canada:

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

16. Other Information

DATE OF CURRENT REVISION: March 30, 2020

REVISION SUMMARY: Update to all sections.

DATE OF PREVIOUS REVISION: January 31, 2017